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PUBLISHED BY AUTHORITY

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No. 26] NEW DELHI, SATURDAY, JUNE 26, 1976 (ASADHA 5, 1898)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 26th June 1976

CORRIGENDUM

In the Gazette of India, Part III, Section 2 dated the 17th January, 1976 in page 46, column 2 under the number 138276 insert.

"Application No. 287/BOM/73 dated 27-8-73" after the words "SAM SORABJI MOTAFRAM, 176, MAHATMA GANDHI ROAD, POONA-1, MAHARASHTRA STATE, INDIA".

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

20th May, 1976.

873/Cal/76. G. D'Souza and D. B. Dahmubed. A method of improving the Torque-Speed characteristics of a Servomotor using a composite rotor.

874/Cal/76. P. C. Singh. Polishing handkerchief.

875/Cal/76. Cassella Farbwerke Mainkur Aktiengesellschaft. Pulverulent dyestuff formulations.

876/Cal/76. Director General, Ordnance Factories, Government of India, Ministry of Defence. The method for manufacturing of blasting soluble nitrocellulose and the product obtained thereby.

877/Cal/76. Siemens Aktiengesellschaft. A corner connection for three frame members.

21st May, 1976.

878/Cal/76. Dr. C. Otto & Comp. GMBH. Apparatus for regulating the wall temperature of a pressure vessel.

879/Cal/76. N. V. Industriele Handelscombinatie Holland. Single-point mooring buoy.

880/Cal/76. Fletcher Sutcliffe Wild Limited. Improvements in or relating to mine roof supports.

881/Cal/76. Fletcher Sutcliffe Wild Limited. Improvements in or relating to mining equipment. (May 22, 1975).

882/Cal/76. Fletcher Sutcliffe Wild Limited. Improvements in or relating to mine roof supports. (May 22, 1975).

883/Cal/76. FMC Corporation. Treatment of seedlings.

884/Cal/76. Indian Drugs & Pharmaceuticals Limited. A process for the manufacture of 5-chloro-2-methoxy benzoic acid.

885/Cal/76. International Refrigeration Corporation. An air conditioner system.

886/Cal/76. P. L. Verma. A solar energy applicator.

22nd May, 1976

887/Cal/76. Lacrex Brevetti SA. Universal wrench. (June 3, 1975).

888/Cal/76. Cummings Engine Company, Inc. Piston for an internal combustion engine.

889/Cal/76. Lucas Industries Limited. Apparatus for use in the manufacture of a wiring harness. (May 23, 1975).

890/Cal/76. K. C. Kothari. A rechargeable cell. [Addition to No. 2179/Cal/75].

891/Cal/76. Dorr-Oliver Incorporated. Heat transfer element and tuyere for fluidized bed reactor.

892/Cal/76. Dorr-Oliver Incorporated. Heat exchanger for fluid bed reactor.

893/Cal/76. Amal Kumar Palchoudhury. Improvements in or relating to Torches or Flashlights or Transistors or Radios or Radiograms or Discophones or Record-players or Airconditioning apparatuses or Refrigerators or Televisions or Tape-recorders or Heaters or Film-projectors or Hearing-Aids or Flashing Cameras or Shavers or Motors or Air-coolers or Water-heaters or Electrical lamps of any type or Table-lamps or Fans or Washing-machines or Ovens or Cinematographs or Emergency-lights or Electrically operated clocks or Type-writers or Sewing-machines or Smoothing-irons or any apparatus provided with same devices.

894/Cal/76. Amal Kumar Palchowdhury. Improvements in or relating to garments and cloths.

24th May, 1976

895/Cal/76. D. Ahluwalia. A scientific instrument that enables a Cameraman to take Kalcidoscopic photographs.

896/Cal/76. Nico-Pyrotechnik Hanns-Juergen Diederichs KG. Impact detonator.

897/Cal/76. Mcneil Laboratories, Incorporated. Halo-substituted 1-loweralkyl 5-arylpyrrol-2-acetic acid compounds.

898/Cal/76. Container Cargo Carriers Corporation. A system for handling container cargo and a novel ship and lifting device.

899/Cal/76. Preformed Line Products Company. Cable suspension assembly.

900/Cal/76. Koninklijke Bedrijven Theodorus Niemeyer B.V. Apparatus for orienting tobacco leaves.

901/Cal/76. UCB, S. A. Lucknomycine and process for producing same. (May 28, 1975).

902/Cal/76. Clupak, Inc. Nip roll for treating web material and method of manufacturing same.

903/Cal/76. Pfizer Inc. Penam compounds and preparation thereof. [Divisional date August 20, 1975].

25th May, 1976

904/Cal/76. Thorn Electrical Industries Limited. Seals for lamps (June 2, 1975).

905/Cal/76. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Method and apparatus for monitoring spun thread for defects in opened rotor spinning machines.

906/Cal/76. Kleen-Rite/Arundale, Inc. Waste water purification system.

907/Cal/76. Hollandse Signaalapparaten B. V. Textured continuous filament yarn.

908/Cal/76. Mrs. Kanta Devi Daga. An alarm device for use on a bed which is liable to get wet.

909/Cal/76. Societe De Vente De L'Aluminium Pechiney. Improved electrical conductors of aluminium-based alloys.

910/Cal/76. Societe De Vente De L'Aluminium Pechiney. Process for the production of wires of aluminium-magnesium-silicon alloy.

911/Cal/76. The General Tire & Rubber Company. Method of building radial tires.

912/Cal/76. UOP, Inc. Mercaptan conversion process for a petroleum distillate charge stock.

913/Cal/76. UOP, Inc. Improved hydroformylation process.
26th May, 1976

914/Cal/76. Lera Holding S. A. Prefabricated structure for erecting a building.

915/Cal/76. Hoechst Aktiengesellschaft. Process for the manufacture of homo- and copolymers of tetrafluoroethylene.

916/Cal/76. Hoechst Aktiengesellschaft. Process for the manufacture of suspension polymers of tetrafluoroethylene.

917/Cal/76. Ciba-Geigy AG. Process for the manufacture of vat dyestuffs. [Divisional date February 26, 1973].

918/Cal/76. Hoechst Aktiengesellschaft. Preparations of disperse dyestuffs having improved safety properties and/or a higher dyestuffs yield.

919/Cal/76. M. M. Suri and Associates Private Limited. An inlet valve for a two stroke internal combustion engine.

920/Cal/76. Kashmir Imports of California. A frame. [Addition to No. 361/Cal/76].

921/Cal/76. Societe Chimique Des Charbonnages. Process for the polymerisation and Copolymerisation of ethylene using a gas injection device.

922/Cal/76. Modular Distribution Systems Limited. Handling apparatus for goods transport containers. [May 27, 1975].

APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

17th May, 1976

153/Bom/76. Shri P. J. Chaugule. Improvements in reinforced cement concrete pre-cast & pre-stressed building components.

154/Bom/76. Taraporewala Marine Biological Research Station. A bin for hatching of fish eggs.

155/Bom/76. Dr. S. S. Chaturial and Mr. F. R. Ahmed. Improved liver biopsy apparatus.

19th May, 1976

156/Bom/76. K. P. Tathavdekar. The pencil and craser holder.

20th May, 1976

157/Bom/76. P. G. Bhide. A process to run the petrol engines on diesel fuels.

APPLICATION FOR PATENTS FILED AT THE
(MADRAS BRANCH)

17th May, 1976

90/Mas/76. M. G. Mohanad Nair. Time amplifier.

91/Mas/76. Yamuna Digital Electronics Private Limited.
Drift correction techniques for amplifiers in the
time sharing systems & processes.92/Mas/76. Yamuna Digital Electronics Private Limited.
Wide range monostable multivibrator.

18th May, 1976

93/Mas/76. K. K. Varughese. An oil lubricator.

20th May, 1976

94/Mas/76. T. R. Krishnaswamy. Improvements in rice
cooking vessels and methods of manufacture of
such vessels.

ALTERATION OF DATE

139482.

1941/Cal/75.

Ante-dated to 9th June, 1971.

139483.

2226/Cal/75.

Ante-dated to 6th March, 1973.

139501.

1912/Cal/74.

Ante-dated to 18th June, 1966.

139502

1913/Cal/74.

Ante-dated to 18th June, 1966.

139503.

1914/Cal/74.

Ante-dated to 18th June, 1966.

139504.

1915/Cal/74.

Ante-dated to 18th June, 1966.

139505.

1916/Cal/74.

Ante-dated to 23rd July, 1966.

139506.

1917/Cal/74.

Ante-dated to 18th June, 1966.

139508.

2415/Cal/75.

Ante-dated to 19th October, 1973.

139509.

2416/Cal/75.

Ante-dated to 19th October, 1973.

139532.

1792/Cal/74.

Ante-dated to 3rd January, 1972.

139533.

1793/Cal/74.

Ante-dated to 3rd January, 1972.

139534.

2266/Cal/74.

Ante-dated to 10th October, 1969.

139535.

145/Cal/75.

Ante-dated to 26th November, 1970.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specification together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 90F+I. I.C.-C03C 13/00.

C03b 37/02.

139472.

METHOD OF MAKING A BORON AND FLUORINE
FREE TEXTILE GLASS FIBER.

Applicant: OWENS-CORNING FIBERGLAS CORPORATION, AT TOLEDO, OHIO, UNITED STATES OF AMERICA.

Inventors: THOMAS DAVID ERICKSON, (2) WARREN WALTER WOLF, (3) RALPH LESLIE TIEDE AND JOHN ALLEN WILLIAMS.

Application No. 1008/Cal/73 filed April 30, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims. No drawings.

The method of making a boron and fluorine free textile glass fiber comprising the steps of melting the glass batch consisting essentially of, by weight, 54.5 to 60 per cent SiO_2 , 9 to 14.5 per cent Al_2O_3 , 17 to 24 per cent CaO , 2 to 4 per cent TiO_2 , 1.5 to 4 per cent MgO , the equivalent of 1 to 6 per cent of the oxide RO , wherein RO is ZnO , SrO or BaO , calculated as ZnO , 0 to 1 per cent Na_2O , 0 to 1 per cent K_2O , 0 to 3 per cent Li_2O and 0 to 1 per cent Fe_2O_3 reducing the temperature of the molten glass to within the fiberization range and drawing a glass fiber by convention method.

CLASS 119D. I.C.-D03d 47/38.

139473.

WEFT CONTROL MECHANISM FOR SHUTTLELESS
LOOMS.

Applicant: ROCKWELL INTERNATIONAL CORPORATION, OF 600 GRANT STREET, PITTSBURGH, PENNSYLVANIA, UNITED STATES OF AMERICA.

Inventor: FREDERICK LOUIS SPRAGUE.

Application No. 1582/Cal/73 filed July 7, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

In a shuttleless loom of the type wherein weft yarn is inserted individually into separate sheds of warp threads in pairs of inter-connected picks by a suitable weft carrier, a weft con-

trol mechanism for selectively presenting one of at least two weft yarns each of which is drawn from an independent source of supply which comprises,

(a) a weft finger for each source of weft supply arranged for individual selective movement between inactive and an active position common to each of said fingers,

(b) a single weft positioner means for engaging the weft associated with a finger selectively moved to its active position and for moving said weft between first and second positions for forming picks in interconnected pairs, and

(c) a depressor means for engaging said weft in said first and second positions and presenting it to the weft carrier for insertion into the shed.

CLASS 172E. I.C.-D02h 1/90. 139474.

SPINDLE, ESPECIALLY UNWINDING SPINDLE FOR YARN.

Applicant: SPINDEL-, MOTOREN-UND MASCHINEN-FABRIK A.G., OF USTER, SWITZERLAND.

Inventor: DIETER WIDMER.

Application No. 1593/Cal/73 filed July 9, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A spindle, especially an unwinding spindle for yarn, comprising a housing, a spindle shaft, bearings arranged in spaced relationship for supporting the spindle shaft in said housing, a carrier hub, an elastically flexible support means for supporting the housing at said carrier hub so as to be movable through a limiting bending angle.

CLASS 64B. I.C.-H01R 15/00. 139475.

IMPROVEMENTS IN OR RELATING TO ELECTRICAL PLUG AND SOCKET CONNECTORS.

Applicant: GIRLING LIMITED, OF KINGS ROAD, TYSELEY, BIRMINGHAM 11, ENGLAND.

Inventors: MALCOLM DONAID EVANS AND GYRIL IVENS.

Application No. 1852/Cal/73 filed August 10, 1973.

Convention date August 16, 1972/(38594/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A connector for an electrical coupling, comprising a housing, and a plug or socket connector member mounted in the housing and adapted for connection to a socket or plug connector member, respectively of a complementary connector, the housing being angularly movable relative to the connector member mounted therein between predetermined limits for aligning the housing with a housing of the complementary connector, and being adapted to be secured directly to the housing of the complementary connector, against rotation relative thereto, when aligned therewith.

CLASS 5C. I.C.-A01d 41/00 to 45/00. 139476.

CROP HARVESTING MACHINE.

Applicant: DEERE & COMPANY, OF MOLINE, ILLINOIS, UNITED STATES OF AMERICA.

Inventors: BOBBY GENE SAWYER AND DONAID E. BURROUGH.

Application No. 2008/Cal/73 filed August 31, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A crop harvesting machine comprising: transversely extending frame means adapted to advance forwardly through a field; transversely extending cutting means mounted forwardly on said frame means and adapted to cut a swath of crop material as said frame means is advanced forwardly; a generally fore-and-aft draft member extending forwardly from one side of the frame means along one lateral side of the cutting means; an upper and lower pair of parallel transversely extending crop conditioning rolls mounted on said frame means above and rearwardly of said cutting means; crop transfer means for transferring cut crop material from said cutting means to said crop conditioning rolls, said rolls being operative to receive crop material therebetween and discharge said crop material rearwardly, the momentum of the crop carrying it along an air borne path extending rearwardly from said rolls in spaced relation to the ground and thence downwardly to the ground, and a transversely spaced pair of ground-engaging wheels connected to said frame means and operative to support said frame means relative to the ground, at least one of said wheels being disposed rearwardly of and within the transverse extent of said conditioning rolls, and directly below and forwardly of the air borne path of crop material discharged from said rolls, whereby in operation of said crop harvesting machine crop material is discharged from said rolls directly over said one wheel and thence downwardly to the ground rearwardly of said one wheel.

CLASS 128K. I.C.-A61L 17/00. 139477.

IMPROVED BRAIDED SUTURE.

Applicant: ETHICON, INC., AT SOMERVILLE, NEW JERSEY, UNITED STATES OF AMERICA.

Inventors: ALASTAIR WILSON HUNTER AND DARRELL ROBERT THOMPSON.

Application No. 2371/Cal/73 filed October 24, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

A multifilament suture characterized by improved tie-down performance, the surface of which is coated with a polyester, said polyester having a molecular weight in the range of about 1500 to about 15,000 and characterized by having at least two carbon atoms between the ester linkages in the polymer chain.

CLASS 76H. I.C.-E05C 13/02. 139478.

A TAPE SEAL FOR SEALING ROLLING STOCK OR CONTAINERS.

Applicants & Inventor: RAJINDER KUMAR JAIN AND DEVY DAYAL, BOTH OF RESEARCH DESIGNS AND STANDARDS ORGANISATION, MINISTRY OF RAILWAYS, LUCKNOW-11, U.P., INDIA.

Application No. 2509/Cal/73 filed November 14, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A tape seal adapted to seal closures such as doors of rolling stock or containers comprising a locking strip having a lock box at a first end and a tapered free end at the opposite end, a locking surface provided at said free end, said lock box having a lip or opening at a point away from the free end in order

to allow said free end to be introduced through the eye of said closure and locked within the lock box, said lock box having at least a pair of resilient members provided in a spaced and parallel relationship to each other, a positioning member provided within said lock box to allow the resilient members to be disposed in the longitudinal direction with respect to the locking strip, the free end of said strip having a tapered end and a locking surface and such that upon introduction of the free end within the lock box, the tapered end urges the resilient members outwardly in the transverse direction to facilitate an introduction and thereafter the resilient members bear against the locking surface to provide a locking action.

CLASS 9D&108C₂. I.C.-C22C 33/00, 39/20. 139479.

A METHOD OF MAKING A CHROME STEEL.

Applicant: CREUSOT-LOIRE, OF 5, RUE DE MONT-TESSUY, 75007 PARIS, FRANCE.

Inventor: PIERRE LEROY.

Application No. 96/Cal/74 filed January 15, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims. No drawings.

A method of making a chrome steel which includes the step of blowing oxidizing gas into a molten steel-making charge containing chromium, in an electric arc furnace to decarburise the charge, wherein the charge initially has a carbon content of above 0.7%, and at least one drowned jet of oxidising gas is blown into the charge below the surface thereof and passes through the bath from the bottom upwards, the or each said jet being surrounded at its periphery, at its point of entry into the charge, by a fluid refractory protectant.

CLASS 32F₁+F₂b & 55D₃. I.C.-C07d 99/00, 139480.
91/00, 93/00, 13/00.
C07d 15/00, 17/00.

PROCESS FOR PREPARING HETEROCYCLIC ANILIDS.

Applicant: VELSICOL CHEMICAL CORPORATION, OF 341, EAST OHIO STREET, CHICAGO, ILLINOIS 60611, UNITED STATES OF AMERICA.

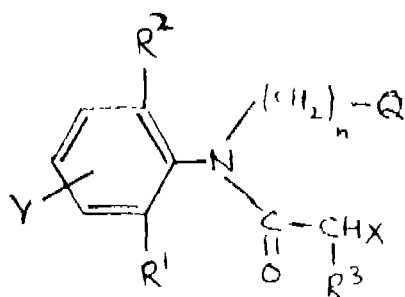
Inventors: DRS. SIDNEY BERNARD RICHTER AND JOHN KRENZER.

Application No. 554/Cal/74 filed March 15, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

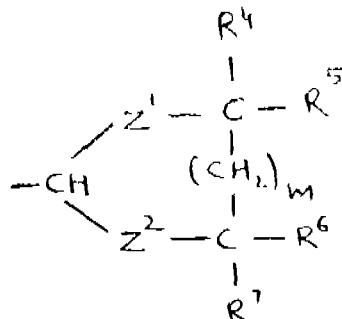
8 Claims.

A process of preparing a compound of the formula (I), as shown in Fig. 1.

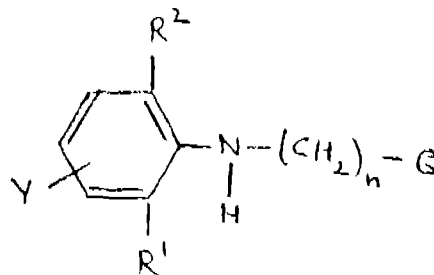


wherein Y is selected from the group consisting of hydrogen, lower alkyl and halogen; R¹ is selected from the group consisting of hydrogen lower alkyl and lower alkoxy; R² is lower alkyl; R³ is selected from the group consisting of hydrogen

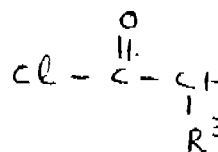
and lower alkyl; X is halogen; n is an integer from 1 to 2; and Q is a group shown in Figure 2.



wherein Z¹ and Z² are independently selected from the group consisting of oxygen and sulfur R⁴, R⁵, R⁶ and R⁷ are independently selected from the group consisting of hydrogen and lower alkyl; and m is an integer from 0 to 2, which comprises reacting a compound of the formula (II), as shown in Fig. 3.



with a compound of the formula (III) as shown in Fig. 4.



wherein Y, R¹, R², R³, X, n and Q are as defined above.

CLASS 32F₂b & 55E₁. I.C.-C07d 51/78. 139481.

PROCESS FOR THE PREPARATION OF ETHYL ESTER OF 2-ACETYL-3-(2-QUINOXALYL-N, N'-DIOXIDE)-PROPENOIC ACID.

Applicant: PANTHOX & BURCK ISTITUTO BIOCHIMICO ITALOSVIZZERO S.P.A., OF VIA BELDILETTO 1, 20142 MILANO, ITALY.

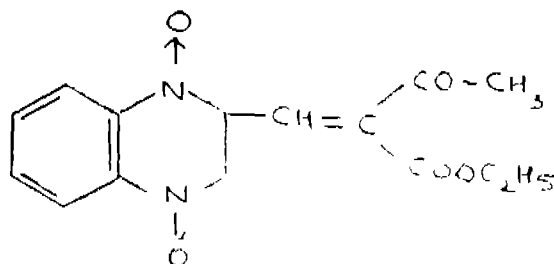
Inventor: DR. GIANCARLO PANTANO.

Application No. 189/Cal/75 filed January 30, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A method for preparing the compound of the formula (I).



having a specific bactericide activity on the cholera vibrio

and on the El Tor Vibrio wherein a equimolar quantities of 2-quinovaryl-carboxyaldehyde-N, N'-dioxide and acetacetic ester are reacted in water to ebullition for a period ranging from 20 minutes to one hour.

CLASS 32F.b & 55E. I.C.-C07C 123/00.

139482.

PROCESS FOR THE PRODUCTION OF NEW AMINO-PHENYLAMIDINES AND CYCLOAMIDINES.

Applicant: BAYER AKTIENGESSELLSCHAFT, FORMERLY KNOWN AS FARBFABRIKEN BAYER AKTIENGESSELLSCHAFT, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

Inventors: HARTMUND WOLLWEBER, WINFRID LUCKE.

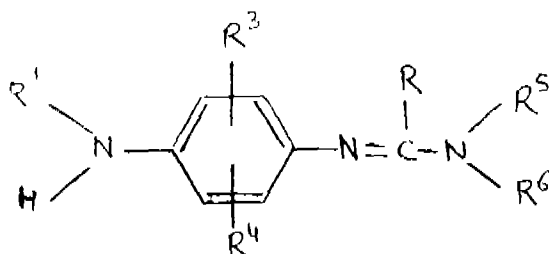
Application No. 1941/Cal/75 filed October 8, 1975.

Division of Application No 131655 filed June 9, 1971.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

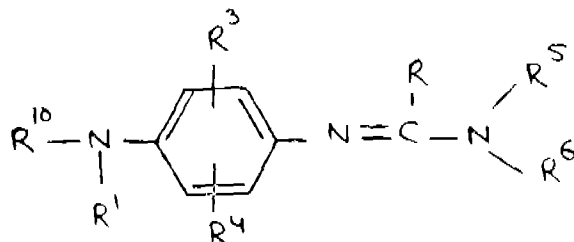
A process for the production of the aminophenylamidines and-cycloamidines of the general formula (1).



wherein:—

R¹ is a hydrogen atom or a straight-or branched-chain alkyl, alkoxyalkyl or alkenyl group; R² and R³ are the same or different and are each a hydrogen, fluorine, chlorine or bromine atom or a straight-or branched-chain alkyl, alkenyl, or alkoxy group or a cyano or trifluoromethyl group;

R⁴ is a straight- or branched-chain alkyl or alkenyl group or a cycloalkyl group; and either R is a straight- or branched-chain alkyl, alkenyl or alkoxy group; and R⁵ is a hydrogen atom or a straight- or branched-chain alkyl, alkenyl, alkenyl or koxo group; or R and R⁵ together with the amino nitrogen atom and the amidino carbon atom form a five, six or seven-membered ring; and salts thereof, which comprises hydrolysing in known manner an acylaminophenylamidine or -cycloamidine or salt thereof of the general formula (2).



[in which R, R¹ and R² to R⁶ are as defined above and R⁷ is an acyl group or an acyloxy group].

CLASS 32F.b. I.C.-C07D 91/16.

139483.

PROCESS FOR PREPARING NOVEL PHOSPHORYLATED CEPHALOSPORINS.

Applicant: AMERICAN HOME PRODUCTS CORPORATION, OF 685, THIRD AVENUE, NEW YORK 10017, NEW YORK, UNITED STATES OF AMERICA.

Inventor: JOHN HAMILTON SELLSTEDT.

Application No. 2226/Cal/75 filed November 21, 1975.

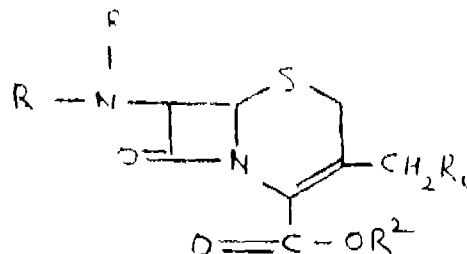
Convention date March 22, 1972/(13314/72) U.K.

Divisional of Application No. 488/Cal/73 filed March 6, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

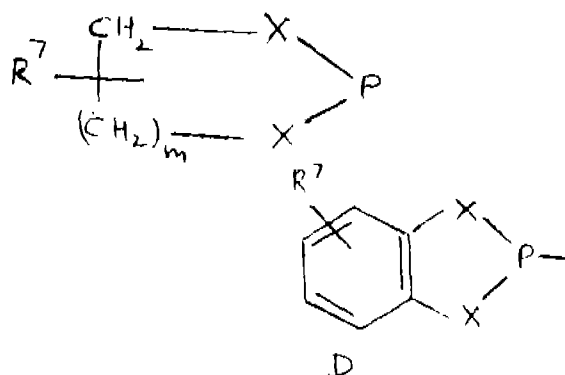
A method for preparing a compound having the formula A.



wherein R is an organic acyl radical; R¹ is hydrogen or a radical of the formula B.



R² is R¹, alkali metal or a tertiary amine with the proviso when R¹ is hydrogen R² is a radical of formula B; R³ is hydrogen, (lower) alkanoyloxy containing 2 to 8 carbon atoms, or a quaternary ammonium radical; R⁴ and R⁵ are each selected from (lower) alkyl, aryl, halo (lower) alkyl, aryl (lower) alkyl; or R⁴ and R⁵ may be joined together to form with phosphorus, a ring of formula C or D.



wherein X is oxygen, CH₂ or sulphur; m is an integer from 1 to 6; R¹ is hydrogen or (lower) alkyl, which method comprises contacting a corresponding compound of formula A wherein R is hydrogen with an organic acylating agent such as herein described and if desired hydrolysing the product to give a compound of formula A wherein R¹ is hydrogen and R² is hydrogen and R is organic aryl radical.

CLASS 70C & 144A. I.C.-C23b 9/02.

139484.

IMPROVEMENTS IN OR RELATING TO COLOURING OF ALUMINIUM POWDER.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Inventors: BALKUNJE ANANTHA SHENOI AND THIRUMANAMCHERI SESHADRI KRISHNAN.

Application No. 374/Cal/73 filed February 20, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims. No drawings.

A process for colouring aluminium powder of different mesh size by oxidising the aluminium powder in a bath consisting of methanol, and one or more of sodium aluminate, sodium hydroxide, sodium oxalate, sodium salicylate, sodium succinate

at a temperature of 35–60°C for 30–180 minutes and subsequently colouring of the same in organic dyes followed by filtering, washing, sealing and drying.

CLASS 127-I. I.C.-F16d 3/16.

139485.

IMPROVEMENTS RELATING TO UNIVERSAL JOINTS.

Applicant : GKN TRANSMISSIONS LIMITED, OF CHESTER ROAD, ERDINGTON, BIRMINGHAM B24 0RB, IN THE COUNTRY OF WARWICK, ENGLAND.

Inventors : JOHN HAZLEWOOD DAVIES, BERTRAM JOSEPH PALMER AND LESLIE GEORGE FISHER.

Application No. 711/Cal/73 filed March 29, 1973.

Convention date March 30, 1972/(14972/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A universal joint of the kind specified wherein the main component of the outer member is a machined element and the initially separate component is a sheet metal pressing which is thin-walled compared with the main component and is welded to the latter.

CLASS 107-I. I.C.-F02M 7/22.

139486.

VARIABLE VENTURI APPARATUS FOR MIXING AND MODULATING LIQUID FUEL AND INTAKE AIR FOR AN INTERNAL COMBUSTION ENGINE.

Applicant : DRESSER INVESTMENTS, N. V., AT WILLEMSSTED, CURACAO, NETHERLANDS ANTILLES.

Inventors : EDWARD CHAIMFRS WOOD AND JAMES FRANK EVERSOLE.

Application No. 769/Cal/73 filed April 3, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A liquid fuel and intake air mixing and modulating device for supplying a combustion mixture to an internal combustion engine, said device having a housing with an entrance end, a flow passage therethrough and an exit end connectable to the intake manifold of the engine, oppositely positioned wall members within said housing defining a venturi with at least one of the wall members being laterally adjustable to vary the flow area of the venturi passage in correlation to operating demands imposed on the engine without varying the angular relationship between the venturi defining surface of said wall members, the venturi converging from said entrance end to a sonic throat at its narrowest point and gradually diverging downstream thereof to form a diffuser, the said diffuser serving to decrease the pressure differential between said entrance and exit ends thereby maintaining sonic velocity at said throat to unchoke vacuum levels of about 3 inches Hg and a fuel supply for uniformly introducing liquid fuel into said passage upstream of said sonic throat whereby said liquid fuel is finely atomized by the intake air while passing through said throat at sonic velocity.

CLASS 113C+F+H. I.C.-F21P 3/00.

139487.

DEVICE FOR PRODUCING BEAM OF LIGHT OF DIFFERENT COLOUR SHADES FROM A SINGLE REFLECTOR DOME.

Applicant & Inventor : PRASANNAKUMAR LAXMIKANT CHAKRADEO, 318, RAJA RAM MOHAN ROY ROAD, BOMBAY-4, MAHARASHTRA STATE, INDIA.

Application No. 123/Bom/73 filed April 6, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

1 Claim.

Device for producing beam of light of different colour shades from a single reflector dome comprising (i) a reflecting dome having multifaceted reflecting surface at the rear and a smooth reflecting surface all over, (ii) three pairs of bulbs each pair for one basic colour viz., red, blue and green and each bulb in the said pair being located in diametrically opposite direction. (iii) three rheostates for the said three pairs of bulbs, to control intensity of light and to afford beam of pure or mixture of light produced by the said bulbs.

CLASS 24D₁. I.C.-B60f 15/20.

139488.

IMPROVEMENTS IN AND RELATING TO SERVO-BOOSTERS FOR VEHICLE BRAKE SYSTEMS.

Applicant : GIRLING LIMITED, OF KINGS ROAD, TYSLEY, BIRMINGHAM 11, WARWICKSHIRE, ENGLAND.

Inventor : BRIAN MAURICE CAYLEY.

Application No. 902/Cal/73 filed April 17, 1973.

Convention date April 25, 1972/(19054/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

A servo-booster for a vehicle brake system in which a load-actuating member is displaceable by the application of differential fluid pressure across a movable internal wall dividing a housing of the booster into a pair of fluid chambers, the differential pressure being controlled by a valve comprising a flexible valve closure member which is located within a bore in a valve body member arranged within the housing, one end of the closure member providing a surface adapted to selectively co-operate with a pair of valve seats for controlling the differential pressure across the wall, the wall including a conically deformable, annular deflecting plate which is not directly connected to the valve body member but which abuts a fulcrum plate carried by the load-actuating member, and a mechanical coupling being provided between the load-actuating member and the valve body whereby axial displacement of the load-actuating member is followed by the valve body, said coupling being effected by means of a hollow, generally cylindrical member, which is constructionally distinct from both the valve body and the load-actuating member and which is arranged coaxially of the booster axis, one end of said generally cylindrical member being connected to the valve body and the other end being mechanically coupled to the load-actuating member.

CLASS 83A₂. I.C.-A23C 23/00.

139489.

CONTINUOUS GHEE MAKING PLANT.

Applicant & Inventor : JAGJIT SINGH PUNJRAITH, A-478, SADAR, KARNAL (HARYANA), INDIA.

Application No. 1617/Cal/73 filed July 11, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A plant for manufacturing ghee continuously from high fat cream or butter comprising a plurality of balance tanks, heat exchangers and vapour separators arranged in series and the conventional means for introducing the raw material and separating the sediment/ghee residue from manufactured product.

CLASS 129M. I.C.-B21d 28/14, 37/02.

139490.

IMPROVEMENTS IN OR RELATING TO DIES AND PUNCHES FOR PRODUCING PRESSED COMPONENTS.

Applicant & Inventor : RATHIN SINHA AND PRADEEP SINHA, OF 372/A-1, KOREGAON PARK, POONA-1, MAHARASHTRA, INDIA.

Application No. 379/Bom/73 filed November 20, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

12 Claims.

A method of manufacturing a die or a punch for producing pressed components, comprising shearing under application of pressure one or more thin sheets of copper or like conducting material sandwiched between a top press-plate having a resilient contact face and a bottom press-plate provided with a plurality of locating holes and fixing holes, so that the profiles of the sheared or cut pieces of copper or like conducting material are faithful reproductions of the profiles of the cutting edges of the bottom press-plate and of the locating holes and the fixing holes; stacking the cut pieces of copper or like conducting material to form electrodes and spark-eroding a semi-finished metal block with the help of said electrodes to produce a die or a punch.

CLASS 88F & 201D, I.C.-C02b 1/04, 1/10, 139491.
C02C 5/00, A61L 9/00.

PROCESS FOR PURIFYING INDUSTRIAL EFFLUENT GASES.

Applicant : EL PASO SOUTHERN COMPANY, P.O. BOX 1492, EL PASO, TEXAS 79978, U.S.A.

Inventors : WALTER HARRY CHAPMAN AND JOHN FRÉDERICK EICHELMANN, JR.,

Application No. 735/Cal/73 filed March 30, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A process for purifying industrial affluent gases wherein waste gases containing solid and gaseous contaminants are purified by direct contact with water to provide a purified gaseous stream for discharge to the atmosphere and a water effluent containing suspended and dissolved solids, and dissolved and absorbed gaseous contaminants, characterised by introducing said water effluent for distillation in an evaporation apparatus having a preheat zone and a distillation zone and removing gaseous contaminants from said water effluent following said preheat zone and prior to the introduction of the water effluent into the water distillation zone by means of a contact absorption tower having suitable absorbents, and absorbing said gaseous contaminants to prevent atmosphere pollution, distilling the resulting water to provide a pure water condensate and a blow-down water concentrated in solids content, and removing solids from the blow-down water.

CLASS 28B & 85B+J, I.C.-F27d 23/00, 139492.
TUYERES.

Applicant : BRITISH STEEL CORPORATION, OF 33, GROSVENOR PLACE, LONDON, S. W. 1, ENGLAND.

Inventors : ANTHONY TERENCE SHERIDAN AND IAN STEWART.

Application No. 1802/Cal/73 filed August 4, 1973.

Convention date August 23, 1972/(39247/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A tuyere comprising an annular body of hollow section for accommodating a liquid coolant, and an inlet tube extending from the rear end of the body into the hollow section and terminating adjacent the nose in a lateral aperture, the body having an outlet in the rear and a baffle fin adjacent the nose extending around the interior of the hollow section partially across the width thereof, said tube extending through the baffle fin, the disposition of and the lateral aperture in the tube termination and the provision of the baffle together promoting a uniform unidirectional flow pattern around the nose.

CLASS 186A & 206E, I.C. H01L 15/00, 7/00, 139493.

LIGHT-ACTIVATED LATERAL THYRISTOR AND AC SWITCH.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, WESTINGHOUSE BUILDING GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor : JOHN SAMUEL ROBERTS.

Application No. 2681/Cal/73 filed December 10, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A light activated lateral thyristor circuit comprising a lateral thyristor formed in a semiconductor body of given impurity concentration having a major surface, said thyristor having a first impurity region of conductivity type opposite the given impurity concentration adjoining the major surface and which defines a first PN junction with a shallow impurity concentration gradient less than about 1×10^{18} per cm^3 with the given impurity concentration of the body, a second impurity region of conductivity type opposite the first impurity region adjoining the major surface, contained within the first impurity region and which defines a second PN junction with the first impurity region, and a third impurity region of conductivity type opposite the given concentration adjoining the major surface, spaced from the first impurity region and which defines a third PN junction with the given impurity concentration of the body and a fourth residual impurity region adjoining the major surface between the first and third impurity region; a power source capable of applying a voltage potential ohmically between the second and third impurity regions; and a light radiation source capable of illuminating said major surface at least portions of the first and fourth impurity regions to gate the thyristor as the voltage potential of the power source is applied.

CLASS 205E, I.C.-B60C 15/00, 139494.

PNEUMATIC TYRE CASING.

Applicant : NAUCHNO-ISSLEDOVATELSKY KONSTRUKTORSKO-TEKHOLOGICHESKY INSTITUT SHINNOI PROMYSHLENNOSTI MINNEFTEKHIMPROMA SSSR, 5 KORDNAYA ULITSA, 2, OMSK, USSR.

Inventors : MIKHAIL IVOVICH PINOVSKY AND BORIS ALEXANDRO-VICH IVANOV.

Application No. 162/Cal/74 filed January 22, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A pneumatic tyre casing comprising a tread with a carcass formed by at least one length of cord and bead rings located at the points of cord turning during casing assembly characterised in that the lap-joint of length of cord is located in the region of carcass adjoining the zone of one of the casing beads.

CLASS 53E, I.C.-B26K 25/00, 139495.

REAR SUSPENSION MEANS OF A TWO WHEELER.

Applicant & Inventor : AMRITLAL CHACHRA, OF 10, LAXMI MANSION, POST BOX NO. 150, JAMSHEDPUR, BIHAR, INDIA.

Application No. 364/Cal/74 filed February 21, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

Rear suspension means for a two-wheeler for absorbing shocks comprising a swinging fork body consisting of two framework members one positioned on either side of the rear wheel, said framework members firmly secured at rear ends to the hub axle of rear wheel; the said frame work members jointed together at front upper portions by a cross bar and coupled by a coupling member to main frame body of the two wheeler through a compressible medium such as rubber or like material, natural or synthetic or a wire spring, the two framework members being further jointed together near front lower portions by a pipe or a bored member; the swinging fork body being coupled to the main frame body of the turn wheel by means of an axle passed through said pipe or bored member thereby ensuring circular motion around said axle on the rear wheel being bumped.

CLASS 32F₁+F_{2a}+F_{2b}+
F_{2c}. I.C.-C07C 155/08.

139496.

PREPARATION OF ESTERS OF THIOCARBAMIC ACIDS.

Applicant: STAUFFER CHEMICAL COMPANY, OF WESTPORT, CONNECTICUT 06880, UNITED STATES OF AMERICA.

Inventor: HAROLD MAHONRAI PITT.

Application No. 910/Cal/74 filed April 22, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

The process of preparing esters of thiocarbamic acids which comprises, (a) reacting a carbamyl chloride with a mercaptan in the presence of an aqueous solution of a caustic agent; (b) separating the organic and aqueous phases; and (c) recovery of the thiocarbamic acid ester from the organic phase.

CLASS 116-G. I.C.-B65g 3/00.

139497.

IMPROVEMENTS IN OR RELATING TO CHARGING MACHINES.

Applicant: SIMON-CARVES LIMITED, OF CHEADLE HEATH, STOCKPORT, CHESHIRE, ENGLAND.

Inventor: WILFRED FRANCIS FOY, AND LEWIS AINSLEY WATSON.

Application No. 1417/Cal/74 filed June 26, 1974.

Convention date July 9, 1973 (32663/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A charging machine of the kind referred to wherein said means for connecting the base of each hopper with an aperture in the roof of an oven chamber comprises a downwardly directed telescopically extendible sleeve, characterised by the provision of an annular seal outwardly space from and surrounding the lower end of said sleeve and adapted to engage with the oven roof surrounding an aperture in an oven chamber on lowering of said sleeve, there being gas tight resilient means connecting said seal with said sleeve.

CLASS 116G. I.C.-B65g 3/00.

139498.

A DEVICE FOR FACILITATING THE DISCHARGE OF SOLID PARTICULATE MATERIAL FROM A HOPPER.

Applicant: SIMON-CARVES LIMITED, OF CHEADLE HEATH, STOCKPORT, CHESHIRE, ENGLAND.

Inventor: LEWIS AINSLEY WATSON.

2—127GI/76

Application No. 1418/Cal/74 filed June 26, 1974.

Convention date July 20, 1973/(34814/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A device for facilitating the discharge of solid particulate material from a hopper of the kind referred to comprising a helical blade rigidly secured to and within said lower part of said hopper, the blade being so dimensioned and arranged as to impart a circular component of motion to the material as it runs through the lower regions of the hopper towards the outlet thereof the inner edge of the helical blade lying on the surface of an imaginary cylinder whose central axis is parallel with the central vertical axis of the hopper.

CLASS 39E+L, 40F & 130F. I.C.-C01L 7/02, 7/20, 7-10, 7-18.

139499.

METHOD FOR PROCESSING BAUXITES.

Applicant: ALUTERV ALUMINIUMIPARI TERVEZO VALLALAT, OF 56, POZSONYI U., BUDAPEST XIII. HUNGARY, FEMIPARI KUTATO INTEZET, OF 144, FEHERVARI U., BUDAPEST XI, HUNGARY AND ALMASFUZITOI TIMFOLDGYAR, OF ALMASFUZITO, HUNGARY.

Inventors: KAROLY SOLYMAR, (2) ZOLTAN OZVALD, (3) DR. JANOS ZAMBO, (4) ISTVAN VAROS, (5) PAL TOTH, (6) KAIMAN WENTZELY, (7) LASZLO IENG-YEL, (8) DR. JOZSEF MATYASI, (9) (MRS.) MARIA ORBAN NEE KELEMEN, (10) DR. ERNO BUIDOSO, (11) IVAN FEHER, (12) TIBOR FERENCZI, (13) FERENC LAZAR, (14) DR. TIHAMER PINTER, (15) DR. GYORGY'S IGMOND AND DR. PETER SIKLOSI.

Application No. 1459/Cal/74 filed June 29, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A method for processing bauxites to obtain alum earth according to the Bayer technology, with an increased yield in Al_2O_3 and with decreased caustic soda losses, starting from goethite-containing bauxites of boehmite and/or diasporite type and carrying out the digestion at 180° to $300^\circ C$ using an aluminate liquor containing Na_2O caustic in a concentration of 80 to 300 g./l. and optionally containing 1 to 20 g./l of $NaCl$, characterized in that the digestion is carried out in the presence of a calcium compound, preferably calcined lime, in an amount corresponding to 2 to 6% of CaO calculated for the dry weight of bauxite and of a sulfate salt, preferably Na_2SO_4 , in an amount corresponding to 1.0 to 7.0 g./l of sulfate ion concentration, whereby the goethite content of the bauxite is converted into hematite, and, if desired, the red mud obtained is caustified by the addition of 1.0 to 2.0 moles of CaO /moles of Al_2O_3 or a corresponding amount of $Ca(OH)_2$ paste to the red mud.

CLASS 32F_{2b} & 55E₄. I.C.-C07d 57/00.

139500.

PROCESS FOR THE MANUFACTURE OF NITROIMIDAZOLES.

Applicant: CIBA-GEIGY OF INDIA LIMITED, OF AAREY ROAD, GOREGAON EAST, BOMBAY-63, MAHARASHTRA STATE, INDIA, AN INDIAN SUBSIDIARY OF THE SWISS COMPANY CIBA-GEIGY LIMITED, BASLE, SWITZERLAND.

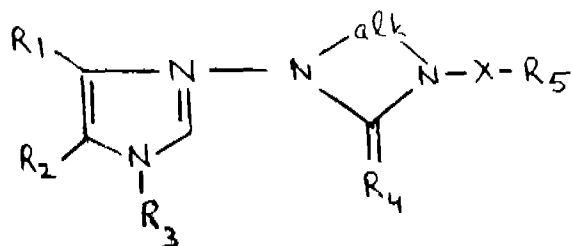
Inventors: DR. KUPPUSWAMY NAGARAJAN, (2) DR. VISWA PRAKASH ARYA AND DR. THOMAS GEORGE.

Application No. 266/Bom/73 filed August 13, 1973.

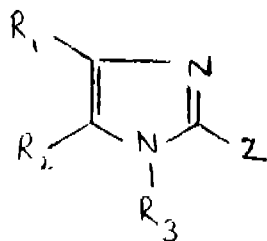
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

8 Claims.

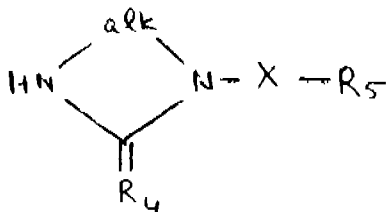
Process for the production of compounds having the general formula I.



wherein one of the groups R_1 and R_2 is a hydrogen or lower alkyl and the other a nitro group, R_3 is a lower alkyl, hydroxy-lower alkyl, lower-alkoxy-lower-alkyl, lower-alkyl-sulphonyl-lower-alkyl or amino-lower-alkyl, R_4 is an oxo or thioxo group, X is a carbonyl, thiocarbonyl, sulphinyl or sulphonyl group and R_5 when X is a carbonyl group is a lower alkoxy, amino, lower-alkylamino or dilower-alkylamino group, and when X is a thiocarbonyl, sulphinyl or sulphonyl, R_5 is a lower alkyl, aryl, amino, alkylamino or dilower-alkylamino group and alk is a lower alkylene group, their salts and N-oxides which comprises reacting a compound of formula II.



wherein R_1 , R_2 and R_3 have the meanings defined above and Z is a reactive esterified hydroxy group, a free or etherified mercapto group, an ammonium group a sulphinyl group or sulphonyl group with a compound of formula III.



wherein R_4 , R_5 alk and X have the meanings defined under formula I.

CLASS 32F₁+F₃b & 55E₁, I.C.-C07c 127/16, 139501.
C07c 143/78.

PROCESS FOR THE MANUFACTURE OF BENZENE-SULFONYL-UREAS.

Applicant HOECHST AKTIENGESellschaft (FORMERLY KNOWN AS FARBERWERKE HOECHST AKTIENGESellschaft VORMALS MEISTER LUCIUS & BRUNING, OF 6230 FRANKFURT/MAIN 80, (FORMERLY OF 45, BRUNINGSTRASSE FRANKFURT/MAIN), FEDERAL REPUBLIC OF GERMANY.

Inventors : HELMUT WEBER, (2) WALTER AUMULLER, (3) RUDI WEYER, (4) KARL MUTH, (5) FELIX HELMUT SCHMIDT.

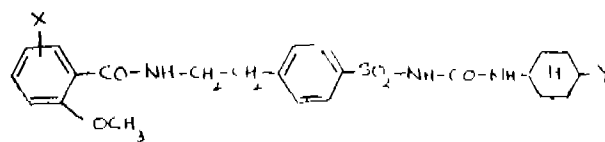
Application No. 1912/Cal/74 filed August 24, 1974.

Division of application No. 105796 filed June 18, 1966.

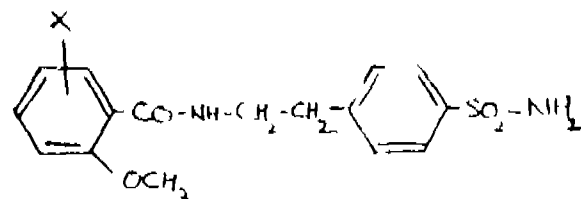
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

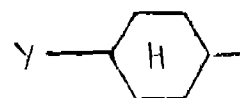
Process for the manufacture of benzenesulfonylureas of the formula shown in Fig. 1.



wherein X represents a chlorine, bromine or methyl linked in 4- or 5-position to the carboxylic amide group and Y represents hydrogen or methyl, which comprises reacting a sulfonylurea of the formula shown in Fig. 2.



or a salt thereof with a carbamic acid derivative substituted with a group of the formula shown in Fig. 3.



wherein Y has the meaning as defined above, said carbamic acid derivative being selected from the group consisting of a carbamic acid halide, a carbamic acid ester and a urea and, if desired, converting the reaction product into a salt by treatment with an alkaline agent.

CLASS 32F₁+F₃d & 55E₁, I.C.-C07c 127/16, 139502.
C07c 143/78.

PROCESS FOR THE MANUFACTURE OF BENZENE-SULFONYL-UREAS.

Applicant : HOECHST AKTIENGESellschaft (FORMERLY KNOWN AS FARBERWERKE HOECHST AKTIENGESellschaft VORMALS MEISTER LUCIUS & BRUNING, OF 6230 FRANKFURT/MAIN 80, (FORMERLY OF 45, BRUNINGSTRASSE FRANKFURT/MAIN), FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) HELMUT WEBER, (2) WALTER AUMULLER, (3) RUDI WEYER, (4) KARL MUTH, (5) FELIX HELMUT SCHMIDT.

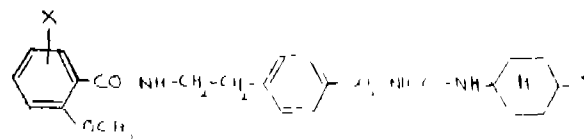
Application No. 1913/Cal/74 filed August 24, 1974.

Division of Application No. 105798 filed June 18, 1966.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

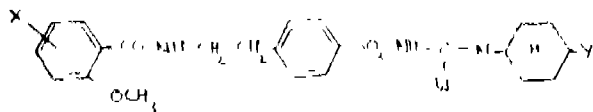
7 Claims.

Process for the manufacture of benzenesulfonyl-ureas of the formula shown in Fig. 1.



wherein X represents a chlorine, bromine or methyl linked in 4- or 5-position to the carboxylic amide group, and Y represents hydrogen or methyl, which comprises hydrolysing

in known manner a derivative of a benzenesulfonyl urea of the formula shown in Fig. 2.



wherein w means -O-alkyl, -S-alkyl or halogen and, if desired, converting the reaction products into salts by treatment with an alkaline agent.

CLASS 32F₁+F₂d & 55E₄. I.C.-C07c 127/16, 139503.
C07c 143/78.

PROCESS FOR THE MANUFACTURE OF BENZENE-SULFONYL-UREAS.

Applicant: HOECHST AKTIENGESELLSCHAFT (FORMERLY KNOWN AS FARBERWERKE HOECHST AKTIENGESELLSCHAFT VORMALS MEISTER LUCIUS & BRUNING, OF 6230 FRANKFURT/MAIN 80, (FORMERLY OF 45, BRUNINGSTRASSE, FRANKFURT/MAIN, FEDERAL REPUBLIC OF GERMANY).

Inventors: (1) HELMUT WEBER, (2) WALTER AUMULLER, (3) RUDI WEYER, (4) KARL MUTH, (5) FELIX HELMUT SCHMIDT.

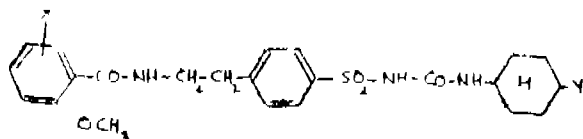
Application No. 1914/Cal/74 filed August 24, 1974.

Division of application No. 105796 filed June 18, 1966.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

Process for the manufacture of benzenesulfonyl-ureas of the formula shown in Fig. 1.



wherein X represents a chlorine, bromine or methyl linked in 4- or 5-position to the carboxylic amide group, and Y represents hydrogen, or methyl, which comprises adding water to correspondingly substituted carbodiimides and, if desired, converting the reaction products into salts by treatment with an alkaline agent.

CLASS 32F₁+F₂d. & 55E₄. I.C.-C07c 127/16, 139504.
C07c 143/78.

PROCESS FOR THE MANUFACTURE OF BENZENE-SULFONYL-UREAS.

Applicant: HOECHST AKTIENGESELLSCHAFT (FORMERLY KNOWN AS FARBERWERKE HOECHST AKTIENGESELLSCHAFT VORMALS MEISTER LUCIUS & BRUNING, OF 6230 FRANKFURT/MAIN 80, (FORMERLY OF 45, BRUNINGSTRASSE, FRANKFURT/MAIN, FEDERAL REPUBLIC OF GERMANY).

Inventors: (1) HELMUT WEBER, (2) WALTER AUMULLER, (3) RUDI WEYER, (4) KARL MUTH, (5) FELIX HELMUT SCHMIDT.

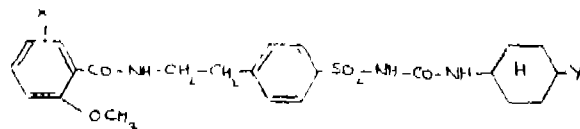
Application No. 1915/Cal/74 filed August 24, 1974.

Division of Application No. 105796 filed June 18, 1966.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

Process for the manufacture of benzenesulfonyl-ureas of the formula shown in Fig. 1.



wherein X represents a chlorine, bromine or methyl linked in 4- or 5- position to the carboxylic amide group, and Y represents hydrogen or methyl, which comprises replacing in known manner such as herein described the sulfur atom in correspondingly substituted benzenesulfonyl-thioureas by an oxygen atom and, if desired, converting the reaction products into salts by treatment with an alkaline agent.

CLASS 32F₁+F₂d. & 55E₄. I.C.- C07c 127/16, 139505.
C07c 143/78.

PROCESS FOR THE MANUFACTURE OF BENZENE-SULFONYL-UREAS.

Applicant: HOECHST AKTIENGESELLSCHAFT (FORMERLY KNOWN AS FARBERWERKE HOECHST AKTIENGESELLSCHAFT VORMALS MEISTER LUCIUS & BRUNING, OF 6230 FRANKFURT/MAIN 80, (FORMERLY OF 45, BRUNINGSTRASSE FRANKFURT/MAIN) FEDERAL REPUBLIC OF GERMANY).

Inventors: (1) HELMUT WEBER, (2) WALTER AUMULLER, (3) RUDI WEYER, (4) KARL MUTH, (5) FELIX HELMUT SCHMIDT.

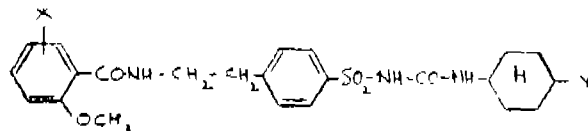
Application No. 1916/Cal/74 filed August 24, 1974.

Division of Application No. 106311 filed July 23, 1966.

Appropriate office for opposition Proceedings (Rule 4, Patents, 1972) Patent Office, Calcutta.

7 Claims.

Process for the manufacture of benzenesulfonyl-ureas of the formula shown in Fig. 1.



wherein X represents a chlorine, bromine or methyl linked in 4- or 5- position to the carboxylic amide group, and Y represents hydrogen or methyl which comprises hydrogenating in known manner such as herein described correspondingly substituted benzenesulfonyl ureas containing in the molecule one or more unsaturated linkages and, if desired, converting the reaction products into salts by treatment with an alkaline agent.

CLASS 32F₁+F₂d & 55E₄. I.C.-C07c 127/16, 139506.
C07c 143/78.

PROCESS FOR THE MANUFACTURE OF BENZENE-SULFONYL-UREAS.

Applicant: HOECHST AKTIENGESELLSCHAFT (FORMERLY KNOWN AS FARBERWERKE HOECHST AKTIENGESELLSCHAFT VORMALS MEISTER LUCIUS & BRUNING, OF 6320 FRANKFURT/MAIN 80 (FORMERLY OF 45, BRUNINGSTRASSE FRANKFURT/MAIN) FEDERAL REPUBLIC OF GERMANY).

Inventors: (1) HELMUT WEBER, (2) WALTER AUMULLER, (3) RUDI WEYER, (4) KARL MUTH, (5) FELIX HELMUT SCHMIDT.

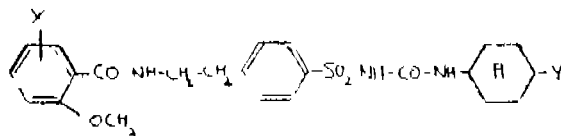
Application No. 1917/Cal/74 filed August 24, 1974.

Division of Application No. 105796 filed June 18, 1966.

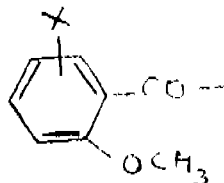
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

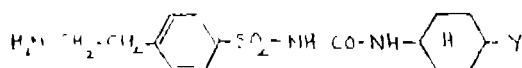
Process for the manufacture of benzenesulfonyl-ureas of the formula shown in Fig. 1.



wherein X represents a chlorine, bromine or methyl linked in 4- or 5- position to the carboxylic amide group, and Y represents hydrogen or methyl, which comprises introducing by acylation the radical of the formula shown in Fig. 2.



into benzenesulfonyl-ureas of the formula shown in Fig. 3.



and, if desired, converting the reaction products into salts by treatment with an alkaline agent.

CLASS 28D. I.C.-F24C 1/00.

139507.

AN IMPROVED BURNER ASSEMBLY FOR INCANDESCENT LAMPS AND AN INCANDESCENT LAMP USING SAME.

Applicant & Inventor : MRIGANKA KUMAR MUKHERJEE, 166/C/472, LAKE GARDENS, CALCUTTA-45, WEST BENGAL, INDIA.

Application No. 2816/Cal/74 filed December 19, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

An improved burner assembly for incandescent lamps comprising an annular housing for a wick said housing being formed of two concentric tubular members, a passage way for air extending from the outer surface of the outer tubular member and connecting the inner side of the inner tubular member, a wick supporting and wick carrying member disposed within the said annular space, a rack and pinion arrangement disposed within the inner space of the inner tubular member, means for depending the wick supporting and wick carrying member to the lower end of the rack member, means for securing the combined concentric tubular members to a base, said base having means for securing same to an oil tank, and also means for securing chimney support means on same, means extending through the base to operate the said rack and pinion arrangement, and flame spreader means on top of concentric tubular members for spreading the flame and converting it into blue flame, and wherein, said chimney support member also includes means for supporting an incandescent mantle such that it is vertically positioned just above the flame spreader means.

CLASS 32F₁+F.b. I.C.-C07d 39/10, 39/00.

139508.

PROCESS FOR THE PREPARATION OF NOVEL PYRIDINE DERIVATIVES.

Applicant : JOHN WYETH & BROTHER LIMITED, OF HUNTERCOMBE LANE SOUTH, TAPLOW, MAIDENHEAD, BERKSHIRE, ENGLAND.

Inventors : ADRIAN CHARLES WARD CURRAN, ROGER CROSSLEY AND DAVID GEORGE HILL.

Application No. 2415/Cal/75 filed December 30, 1975.

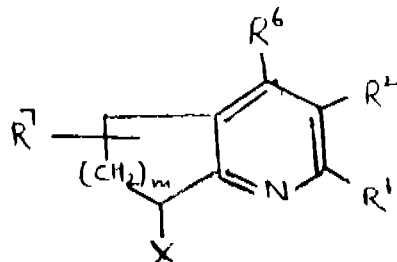
Convention date October 21, 1972 (48595/72) U.K.

Division of Application No. 2330/Cal/73 filed October 19, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A process for preparing new compounds of formula 1.



and acid addition salts thereof, wherein R¹, R², and R³ are the same or different and represent hydrogen, trifluoromethyl, or different and represent hydrogen, trifluoromethyl, or an alkyl, aralkyl or aryl radical, any of which radicals may be substituted by alkyl, alkoxy, halogen, nitro or trifluoromethyl or R¹ and R² taken together represent an alkylene chain, CH₂(CH₂)_nCH₂—wherein n is 1, 2 or 3, R⁷ represents hydrogen or single or multiple substitution by alkyl, aralkyl or aryl and when R¹ and R² taken together form an alkylene chain the resulting ring may be substituted by one or more R⁷ radicals as defined above, X is CSNHR⁸, wherein R⁸ is selected from hydrogen or an alkyl radical which may be substituted by alkyl, alkoxy, nitro or trifluoromethyl, and m is 1, 2 or 3 with the proviso that when R¹ and R² taken together represent an alkylene chain then n is equal to m which process comprises treating a compound of formula 1 wherein X is CPNHR⁸ and R⁸ is hydrogen, or alkyl, with P₂S₆, if desired in the presence of H₂S, to give the corresponding thioamine wherein X is CSNHR⁸, and if desired a thiamide of formula 1, resulting from the above reaction is converted to an acid addition salt.

CLASS 32F₁+F.b. I.C.-C07d 39/00, 39/10.

139509.

PROCESS FOR THE PREPARATION OF NOVEL PYRIDINE DERIVATIVES.

Applicant : JOHN WYETH & BROTHER LIMITED, OF HUNTERCOMBE LANE, SOUTH, TAPLOW, MAIDENHEAD, BERKSHIRE, ENGLAND.

Inventors : ADRIAN CHARLES WARD CURRAN, ROGER CROSSLEY AND DAVID GEORGE HILL.

Application No. 2416/Cal/75 filed December 30, 1975.

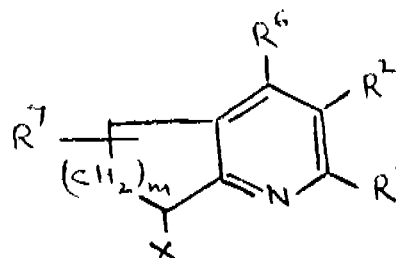
Convention date October 21, 1972 (48595/72) U.K.

Division of Application No. 2330/Cal/73 filed October 19, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A process for preparing new compounds of formula 1.



and acid addition salts thereof, wherein R¹, R² and R³ are the same or different and represent hydrogen, trifluoromethyl

or an alkyl, aralkyl or aryl radical, any of which radicals may be substituted by alkyl, alkoxy, halogen, nitro or trifluoromethyl or R^1 and R^2 taken together represent an alkylene chain $-\text{CH}_2(\text{CH}_2)_n\text{CH}_2-$ wherein n is 1, 2 or 3, R^2 represents hydrogen or single or multiple substitution by alkyl, aralkyl or aryl and when R^1 and R^2 taken together form an alkylene chain the resulting ring may be substituted by one or more R^2 radicals as defined above, X is CSNHR^3 , wherein R^3 is an alkyl radical which may be substituted by alkyl, alkoxy, nitro, or trifluoromethyl, and m is 1, 2 or 3 with the proviso that when R^1 and R^2 taken together represent an alkylene chain then n is equal to m which process comprises treating a compound of formula 1 wherein X is CSNH_2 , with an amine of formula $R^3\text{NH}_2$, wherein R^3 is alkyl, in the presence of H_2S , and if desired converting a thioamide of formula 1, resulting from the above reaction to an acid addition salt.

CLASS 170D. I.C.-C11d 1/00, 17/00.

139510.

LIQUID LAUNDRY DETERGENT.

Applicant: HINDUSTAN LEVER LIMITED, OF HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, BOMBAY-400020, INDIA.

Inventor: UNILEVER LIMITED.

Application No. 100/Bom/74 filed March 13, 1974.

Convention date March 15, 1973/(12512/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

6 Claims. No drawings.

A liquid laundry detergent comprising, by weight, 5-80% of a liquid nonionic surfactant such as hereinbefore defined, 95-20% of a low melting fatty acid as herein defined and from 0-20% water.

CLASS 32F.b. I.C.-C07d 57/24;
A61k 27/00.

139511.

PROCESS FOR THE PREPARATION OF "2-ACYL-4-OXO-PYRAZINO-ISOQUINOLINES".

Applicant: MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DARMSTADT, FRANKFURTER STRASSE 250, FEDERAL REPUBLIC OF GERMANY.

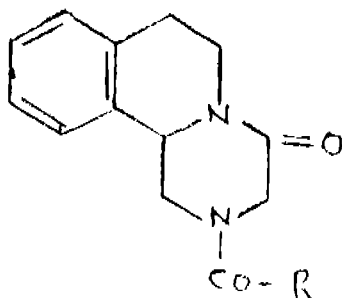
Inventors: (1) DR. JURGEN SEUBERT, (2) DR. HERBERT THOMAS, (3) DR. PETER ANDREWS.

Application No. 2601/Cal/74 filed November 22, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

2 Claims.

Process for the preparation of hexahydro 4H-pyrazino-isoquinoline derivative of the general formula 1.



wherein COR is an acyl radical containing from 1 to 26 carbon atoms in which, when R is a phenyl radical, this radical

comprises reaction 4-oxo-1, 2, 3, 6, 7, 11b-hexahydro-4H-pyrazino/2, 1-a-isoquinoline with an acid of the general formula $R\text{-COOH}$, in which R has the same meaning as above, or with a functional derivative thereof; and/or replacing the substituent R in the product obtained by a different substituent R in a conventional manner and/or using optically-active starting materials to give optically-active products and/or resolving the product obtained into its optically-active isomers and/or, when the product obtained is a base, reacting it with an inorganic or organic acid in order to get an acid-addition salt therefrom and/or, when the product obtained is an acid-addition salt, reacting it with a base in order to get the free base therefrom.

CLASS 172A. I.C.-B65h 75/02.

139512.

IMPROVEMENTS IN OR RELATING TO A PIRN SUCH AS IS USED ALONG WITH A DETECTION HEAD IN AN ELECTRONIC BOBBIN FEELER FOR POWERLOOMS.

Applicant: MESSRS. PIA ELECTRO APPLIANCES, THAKOR ESTATE, KURLA KIROL ROAD, VIDYAVIHAR (WEST) BOMBAY-86, MAHARASHTRA, INDIA.

Inventors: SHRI SUMATHICHANDRA LAKHAMSHI MUNVER, (2) SHRI HARIIVAN DHARSHI THAKKAR.

Application No. 445/Bom/74 filed December 18, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

4 Claims.

A pirn for use along with a reflection type light-detection head of an electronic bobbin feeler, which pirn is provided on its surface with a coating of light-absorbent material.

CLASS 163.B. I.C.-F04C 7/00.

139513.

IMPROVEMENTS IN OR RELATING TO ROTARY PUMPS.

Applicant & Inventor: ERIC JOHN STENNER, OF 22, CLEARY ROAD, PANMURA, AUCKLAND 6, NEW ZEALAND.

Application No. 836/Cal/73 filed April 9, 1973.

Convention date April 10, 1972/(166832/72) New Zealand.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A rotary pump comprising a body, fluid passageways in said body, a cavity defined by an internal peripheral wall and opposed end walls of said body, a shaft rotatably supported in said body, a piston or displacement member journaled eccentrically on said shaft so as to follow an orbital path within the cavity upon relative rotation of the shaft and the housing, at least one abutment member operably associated with said piston or displacement member, a rocking member in which the or each abutment member is slidably mounted, each rocking member being rockable in a mounting therefor in said body about an axis parallel with that of said path, an abutment member slot therein in which said abutment or a respective one of said abutment members slide generally radially relative to the axis of said path, at least some of said abutment members is more than one being mounted so as to be pivotable about axes parallel with the axis of said path relative to said piston or displacement member said or each rocking member having a passageway therethrough which passageway has an inner orifice at the end nearer to said cavity and an outer orifice at the end more remote from said cavity, a pair of said mounting adjacent said rocking member being situated such that independent of said abutment member it obturates said orifice or a selected one of said orifices so as to prevent communication between said cavity and one of said fluid passageways in said body through said passageway in said rocking member when the latter is in one position reached by movement of said abutment member due to movement of said piston or displacement mem-

ber and that with movement of said rocking member to another position said part of said mounting does not obturate said one or said selected one of said orifices and thus permits passage of fluid through said passageway in said rocking member between said one of said passageways, in said body, and said cavity.

CLASS 134D, I.C.-B62d 3/12.

139514.

STEERING GEAR.

Applicant : BURMAN & SONS LIMITED, OF WYCHALL LANE, KINGS NORTON, BIRMINGHAM, ENGLAND.

Inventor : BENJAMIN WARD.

Application No. 1368/Cal/73 filed June 12, 1973.

Convention date June 13, 1972/(27331/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A rack and pinion vehicle steering gear having a housing in which are disposed the pinion and a pad which engages the exterior surface of the rack on that side thereof opposite to the rack teeth so as to support the rack and maintain the teeth thereof in engagement with the teeth of the pinion, wherein said pad is arranged so that part of the pad disposed on one side of a plane which is perpendicular to the axis of the pinion and which contains the longitudinal axis of the rack can flex relative to that part of said pad on the other side of said plane.

CLASS 190B, I.C.-F02C 7/30, B08b 3/02.

139515.

A DEVICE FOR CLEANING AN EXHAUST GAS-DRIVEN POWER TURBINE OF A SUPERCHARGING SET OF A HEAT ENGINE.

Applicant : SOCIETE D'ETUDES DE MACHINES THERMIQUES, OF 2, QUAI DE SEINE, 93202 SAINT DENIS, FRANCE.

Inventor : JOSEPH AUGUSTE JAMAUX.

Application No. 1087/Cal/74 filed May 18, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A device for cleaning an exhaust gas-driven power turbine of a supercharging set of a heat engine such as an internal combustion engine, said turbine comprising inlet ducts for the admission of exhaust gases, characterized in that it comprises at least one washing liquid storage tank connected by an outlet duct to injection nozzles fitted on said inlet ducts of said turbine, a source of compressed air, and automatic and periodic or programmed control means for causing the admission of compressed air alternately into said injection nozzles for sweeping or scavenging them, and into said storage tank above the free surface of the liquid contained therein for putting said washing liquid under pressure and feeding it to said injection nozzles.

CLASS 146D, I.C.-G02b 21/20.

139516.

APERTURE VIEWING ZOOM LENS SYSTEM.

Applicant : AMERICAN OPTICAL CORPORATION, OF 14, MECHANIC STREET, SOUTHBRIDGE, STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventor : MILTON HYMAN SUSSMAN.

Application No. 1048/Cal/73 filed May 4, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

An optical lens system of the zoom type having an extremely short length and a focal range of at least 75mm for use with an infinity correcting microscope system to selectively view the back pupil in a plurality of objectives, said lens system comprising three lenses, said first lens I being a double convex positive singlet, said second lens II being a double concave negative singlet and said third lens III being a double convex positive singlet, substantially as shown in the attached drawing.

CLASS 120B₁+B₂, 127-I & 150C, I.C.-F16b 17/00, 139517.
21/00, E16n 19/00, 21/00, 39/00.

A DEVICE FOR COUPLING TWO CYLINDRICAL ELEMENTS AS FOR EXAMPLE A BOWL GUARD TO A HOUSING OF A FLUID CONTROL COMPONENT AND THE LIKE.

Applicant : C. A. NORGREN CO., OF 5400 SOUTH DELAWARE STREET, LITTLETON, COLORADO 80120, UNITED STATES OF AMERICA.

Inventor : DELBERT GRANT FAUST.

Application No. 74/Bom/73 filed February 28, 1973.

Convention date August 22, 1972/(39144/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

16 Claims.

A device for coupling first and second cylindrical elements wherein said first element has a cylindrical flange and said second element has a peripheral lip connectable to the flange when the lip and flange are positioned in overlapping, telescoped relationship, the improvement comprising :

means defining a first peripheral groove in said flange of first element;

means defining a second peripheral groove in said lip of said second element and alignable with said first groove to form an annular recess when said lip and flange are overlapped;

means defining a notch in said lip extending through said second groove and exposing a portion of said first groove when said first and second grooves are aligned; and

a flexible elongated connector insertable through said notch into said annular recess and having a cross-sectional area essentially filling said recess so that said connector engages both said first and second grooves to prevent separation of the first and second elements due to shear forces.

CLASS 55E, I.C.-A61K.

139518.

PROCESS FOR THE PRODUCTION OF SUSTAINED RELEASE PHARMACEUTICAL COMPOSITIONS SUITABLE FOR ORAL ADMINISTRATION.

Applicant : LABORATORIES SERVIER, OF 45- GIDY, FRANCE.

Inventors : CLAUDE MONY AND GENEVIEVE COSTES.

Application No. 1093/Cal/73 filed May 9, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A process for producing sustained-release pharmaceutical compositions suitable for oral administration by mixing one or more active principles with a matrix forming material and a binding agent and further processing the mixtures of powders which comprises using a matrix forming material made of a water-insoluble inert carrier with poor compressibility selected from the group consisting of water-insoluble silicates, magnesium natural mixed silicates, aluminium natural mixed silicates, magnesium phosphates, alkaline-earth metal sulphates, aluminium oxide, aluminium hydroxide and magnesium hydroxide in

an amount at least equal to the amount of active principles and not higher than ten times the amount of the active principle, and as binding agent an alkyl ether of cellulose which is insoluble in water and soluble in non-polar organic solvent selected from the group consisting of a lower alkanol, a cyclic or non-cyclic ether, an aromatic hydrocarbon, a chlorinated lower alkane and a chloro-fluorinated lower alkane, in an amount ranging from 5 to 60% of the amount of active principle and processing the complex mixture into a pharmaceutical composition suitable for oral administration.

CLASS 27 & 98F. I.C.-E04b 5/52.

139519.

AN IMPROVED METHOD OF AN APPARATUS FOR APPLYING HEAT INSULATING MATERIAL TO SHEET METAL.

Applicant: HEATSHIELD RESEARCH AND DEVELOPMENT PTY. LTD., OF 62, BLUNDER ROAD, OXLEY, BRISBANE, QUEENSLAND, AUSTRALIA.

Inventor: JOHN IAN MENZIES.

Application No. 1291/Cal/73 filed June 1, 1973.

Convention date June 1, 1972/(PA9173/72) Australia.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A method of bonding metal foil to sheet metal by an interposed film of polythene adhering to both and separating the two from direct contact, including the steps of: drawing the sheet metal from a roll, superimposing the film on the moving sheet metal, superimposing the foil on the film and sheet metal, drawing the laminated assembly of foil, film and sheet metal in tension along a convex curved member, the foil against the member, and

simultaneously applying heat to the sheet metal to heat the film by conduction, the heat conducted to the film and the pressure on the film within the curved tensioned laminated assembly causing bonding of the film to the foil and the sheet metal.

CLASS 39I, 130-I & 14ID. I.C.-C01g 45/02.

139520.

IMPROVEMENTS IN OR RELATING TO THE PROCESS FOR REMOVAL OF IRON FROM FERRUGINOUS MANGANESE ORES.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Inventors: MOHAMMED ILYAS ANSARI, BHARAT RAMKRISHNA SANT AND GARAPATY SEETHARAMASWAMY CHOWDHURY.

Application No. 1510/Cal/73 filed June 28, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings.

A process for the removal of iron from ferruginous manganese ores by roasting the ore between 600 to 1000°C for about 50 to 70 minutes followed by acid leaching, characterised in that the acid used is a very dilute (1-5%) aqueous solution of nitric acid whereby most of the iron remains unaffected by manganese goes into solution, which is subjected to conventional treatment by hydrolysis with ammonia and chlorination to obtain manganese dioxide product.

CLASS 143D₁+D₂. I.C.-B65d 65/38.

139521.

IMPROVEMENTS IN OR RELATING TO PACKING COVERS.

Applicant: WAVIN B. V., OF 251, HANDELLAAN, ZWOLLE, THE NETHERLANDS.

Inventor: WARNER JAN DE PUTTER.

Application No. 1642/Cal/73 filed July 12, 1973.

Convention date April 10, 1973/(17235/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A packing cover for bags of thermoplastics materials, like polyethylene, containing known oxidants for quick disintegration by light radiation, used for disposal of packing refuse, characterized in that the cover being made of paper or of laminated polyethylene pigmented both side with carbon black or pigmented one surface with carbon black and the other surface with white pigment like titanium dioxide to prevent transmission of ultra-violet light causing disintegration of the bags when not in use.

CLASS 37A, 55E, & 128G. I.C.-G01n 33/16, B04 3/00, B01d 57/00.

139522

METHOD OF OBTAINING SERUM FROM WHOLE BLOOD, AND A DEVICE USED THEREFOR.

Applicant & Inventor: MICHEL JULIUS LUKACS AND IAN HULL JACOBY, OF P.O. BOX 296, GOSHEN, NEW YORK, UNITED STATES OF AMERICA AND 478, BLUE HILL TERRACE, FRANKLIN LAKES, NEW JERSEY, UNITED STATES OF AMERICA.

Application No. 1838/Cal/73 filed August 9, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A method of obtaining serum from whole blood by separating a sample of whole blood into serum and clot portions, said separation comprising the steps of:

placing a quantity of whole blood into a container adapted to be centrifuged;

inserting into said container a supply of a thixotropic, water insoluble, substantially non-toxic sealant consisting essentially of a silicone fluid and an inert filler dispersed therein, such as herein described;

said sealant having a specific gravity of at least 1.026;

centrifuging the blood into serum and clot portions until the sealant forms a separator between said portions; and

removing the serum so separated without contamination by the clot portion.

CLASS 29A. I.C.-G0*f 15/00.

139523.

MEANS FOR TESTING A PROGRAMMABLE DATA COMMUNICATION TERMINAL.

Applicant: BURROUGHS CORPORATION, AT BURROUGHS PLACE, DETROIT, MICHIGAN 48232, UNITED STATES OF AMERICA.

Inventors: GERALD NFIL WIGGINS AND JEROME STANLEY ROGERS.

Application No. 1842/Cal/73 filed August 9, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

Means for testing a programmable data communication terminal comprising:

means for generating on the data transmit line of said terminal a continuously repeating bit pattern, and comparing the direct current voltage of said data transmit line carrying said bit pattern to the calculated average voltage for said bit pattern;

means for applying a direct current voltage to the carrier detect line of said terminal so as to represent the detection of a carrier signal, connecting a request to send line of said terminal to a receive data line of said terminal, means for generating a bit pattern on said request to send line by programmatically setting and resetting said request to send line; and

means for comparing said bit pattern generated on said request to send line with the bit pattern received in said terminal from said receive data line.

CLASS 62C. I.C.-D06P 7/00.

139524

A PROCESS FOR DYEING AND SIZING OF NATURAL OR MAN-MADE CELLULOSIC FIBRE YARNS ON SIZING MACHINES.

Applicant : THE BOMBAY TEXTILE RESEARCH ASSOCIATION, LAL BAHADUR SHASTRI MARG, CHATKOPAR (WEST), BOMBAY-400086, MAHARASHTRA, INDIA.

Inventors : MADHAV DATTATRAYA DIXIT, SITARAM SAHADEO MORAYE, ASHOK SHEORAM GORE, MORESHWAR VASUDEO GHASIAS.

Application No. 297/Bom/73 filed September 4, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

1 Claim No drawing.

A process for dyeing and sizing of natural and man-made cellulosic fibre yarns on sizing machines which comprises of the steps of (a) impregnating a sheet of the yarn in the sow-box of the sizing machine with a dyestuff solution formulated as defined hereinbefore; (b) drying in the drying unit of the sizing machine; (c) sizing with a size paste formulated as defined hereinbefore having a pH in the range of 4.0 to 6.0 and maintained at temperature in the range of 30°C to 100°C and (d) drying the yarn so dyed and sized on the drying unit of the sizing machine.

CLASS 50D. I.C.-F25d 13/06.

139525

IMPROVEMENTS IN OR RELATING TO STRUCTURES.

Applicants & Inventors : PROFESSOR DR. ING. FRITZ LEONHARDT, DR. ING. WOLFHART ANDRA, BAU-ING. WILLI BAUR, DIPL. ING. WILHELM ZELLNER AND DR. ING JORG SCHLAICH, OF LENZHALDE 16, 7 STUTTGART 1, WEST GERMANY.

Application No. 2185/Cal/73 filed September 26, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A structure comprising a waisted vertical tubular envelope consisting of a membrane made of a material which is capable of supporting tension in all directions in its plane, the membrane being stretched between a lower mounting which is fixed to the ground and an upper mounting which is held by a support that takes the vertical reaction of the tension in the stretched membrane, the membrane being substantially self supporting between the upper and lower mountings.

CLASS 47C. I.C.-C10b. 25/02.

139526

IMPROVEMENTS RELATING TO COKING OVEN DOORS.

Applicant : G. WOLFF JR. KG., OF HATTINGER STR. 877, 463 BOCHUM-LINDEN, WEST GERMANY.

Inventors : KURT FRNST DIX AND JURGEN FREISE-WINKEL.

Application No. 2314/Cal/73 filed October 17, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A hammer-blow coking furnace door equipped with a sealing edge member around its periphery for engagement with an oven head frame, the sealing edge member being held in place solely by frictional pressure applied by bolts clamping said member against the side of said door and by cam edges or surfaces on at least some of said bolts engaging the back of said member, each cam edge or surface extending about the axis of the respective bolt to present a working portion of continuously increasing radius over the greater part of the circumferential extent of the bolt.

CLASS 145C. I.C.-D21F 11/06.

139527.

APPARATUS FOR THE FORMING OF CARDBOARD BOARDS.

Applicant : ELDA AG, OF RATHAUSPLATZ, CH 8750, CIARUS, SWITZERLAND.

Inventor : ALFONS KARL HERR.

Application No. 2485/Cal/73 filed November 13, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

Apparatus for the wet forming of cardboard boards taken from a cylinder-type board machine, to form corrugated boards, comprising an arrangement in succession to one another in the direction of treatment of a transverse delivery, a non-heated corrugating apparatus and a tunnel drier with a supporting roller belt.

CLASS 142. I.C.-B44C 5/06, A44C 5/00, 15/00,

139528.

A63H 9/00.

CUT GUIDED GLASS BEADS.

Applicant & Inventor : MOHAMMED YAKUB, FIROZABAD, DIST-AGRA, UTTAR PRADESH, INDIA.

Application No. 2520/Cal/73 filed November 16, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A process of manufacturing glass beads which consists of the following steps—

(a) in the first step, picking up a mass of molten glass at the tip of an iron rod, (b) in the second step, blowing air through the said pipe to form a bubble of the molten glass lump and heating the said bubble, (c) in the third step, rolling the said heated glass bubble on an iron plate to form a glass cylinder, (d) in the fourth step, picking up another lump of molten glass at the end of an iron rod, (e) in the fifth step, sticking the said lump of molten glass of step, (d) to the end of the glass cylinder of step (c), (f) in the sixth step, pulling the iron rod apart from the glass cylinder whereby a micro tube of glass is formed and cutting this micro tube into desired lengths, (g) washing the lengths of the tubes in a solution of tin chloride, removing the excess of tin chloride from the surface of the tubes by blowing air, and (h) finally silvering the inside surfaces of the tubes with a silvering solution consisting of silver nitrate, potassium hydroxide and liquor ammonia and, if desired, again cutting the lengths of the tubes into desired lengths to form silvered glass beads.

CLASS 40F. I.C.-B01J 1/00.

139529.

APPARATUS FOR EFFECTING CATALYTIC GASEOUS REACTIONS AT ELEVATED PRESSURES.

Applicant : TOYO ENGINEERING CORPORATION, OF 2-5, 3-CHOME, KASUMIGASEKI, CHIYODA-KU, TOKYO, JAPAN.

Inventor : RYUZO NAGAOKA AND TOHRU Ikegami.

Application No. 2828/Cal/73 filed December 28, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

An apparatus for effecting catalytic high-pressure gaseous reactions which comprises an inner shell containing at least two catalyst beds through which in series, gaseous fluid passes, a first outer shell resistant against pressure and containing said inner shell therein with a space formed between said outer shell and the outer surface of said inner shell, a conduit leading from outside said outer shell and opening in the space between the catalyst beds within said inner shell, an opening communicating with the outside of said outer shell for supplying gaseous fluid to the space on the outer surface of said inner shell, a conduit leading from outside the outer shell and opening in the space upstream of a group of catalyst beds in said inner shell, a heat exchanger which is disposed outside said outer shell and in which the gaseous fluid to be supplied to said catalyst beds passes the shell side and the gaseous fluid leaving the catalyst beds passes the tube side, a second outer shell resistant against pressure and containing said heat exchanger therein with a space formed between said shell and the heat exchanger, a supply conduit that permits the flow of the gaseous fluid leaving the shell side of said heat exchanger into the space upstream of said group of catalyst beds, a first passageway with annular cross-section which covers said supply conduit and through which the gaseous fluid leaving the catalyst beds flows to the tube side of said heat exchanger, a second passageway with annular cross-section which covers said first passage and through which the gaseous fluid in the space on the outer surface of said inner shell flows into the space on the outer surface of said heat exchanger, a pressure resisting tube connecting said first outer shell with said second outer shell and covering said second passageway, an opening communicating with the outside of the second outer shell for supplying the gaseous fluid to the shell side of said heat exchanger side through the space on the outer surface of the heat exchanger, and an opening communicating with the outside of said second outer shell for discharging the gaseous fluid leaving the tube side of said heat exchanger.

CLASS 32F₁+F_{3a} I.C.-C07c 59/16.

139530.

PROCESS FOR PRODUCING CITRIC ACID AND DERIVATIVES THEREOF.

Applicant : SNAMPROGETTI S.P.A. OF CORSO VENEZIA 16, MILAN, ITALY.

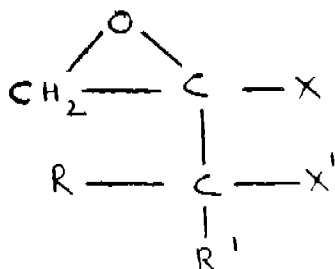
Inventors : UGO ROMANO, AND MARCELLO MASSI MAURI.

Application No. 1035/Cal/74 filed May 9, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A process for producing citric acid or a derivative thereof, which process comprises reacting hydrocyanic acid or a cyanide with an epoxide having the general formula shown in Figure 1.



wherein each of R and R', which can be the same or different, is a hydrogen atom or a hydrocarbon radical; and either each of X and X', which can be the same or different, is -CN-, COOR^M, -COOM- or -CONH₂, where M is a monovalent metal atom or represents part of a metal atom having a valency of at least two and R^M is a hydrogen atom or a hydrocarbon radical, or X and X' together represent a divalent radical and together

with the two carbon atoms to which they are attached form a heterocyclic ring having five carbon atoms in the ring; and contemporaneously hydrolysing the cyanohydrin produced.

CLASS 32F₁+F_{3a} & 55D₂ I.C.-C07C 49/30, A01N 9/20₁

139531.

PROCESS FOR PRODUCTION OF CYCLOHEXANE DERIVATIVES.

Applicant : NIPPON SODA COMPANY, LIMITED, OF NO. 2-1, OHTEMACHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN.

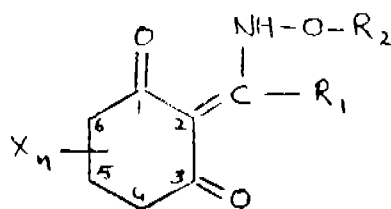
Inventors : MIKIO SAWAKI (2) ISAO IWATAKI, (3) YOSHIHIKO HIRONO AND HISAO ISHIKAWA.

Application No. 1738/Cal/74 filed August 2, 1974.

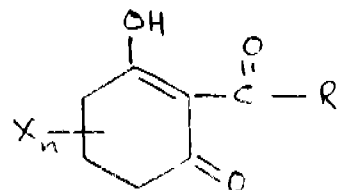
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A process for the production of a compound of the formula I.



wherein R₁ is selected from the group consisting of hydrogen, alkyl and phenyl; R₂ is selected from the group consisting alkyl, straight or branched chain lower alkenyl, lower alkynyl, lower alkoxyalkyl, lower alkylthiomethyl, lower alkoxy carbonyl-alkyl and benzyl; X is a same or different substituent which is selected from the group consisting of alkyl, lower alkoxy carbonyl, halogen, cyano, phenyl, phenyl, substituted with halogen methyl or methoxy styryl, furyl, thienyl, 5, 5-pentamethylene and 4, 5-tetramethylene; n is 0 or an integer from 1 to 6; its metal salts or hydrates which comprises reacting a compound of the formula VI



wherein R₁, X and n represent the aforesaid meanings, with a compound of the formula NH₂-O-R₂ wherein R₂ represents the aforesaid meanings, whereafter when desired the compound so prepared is converted to its metal salts or hydrate, in a conventional manner.

CLASS 101B+F I.C.-E02b 3/00.

139532.

A DEVICE FOR PREVENTING AND REDUCING SCOURS IN A BFD SUPPORTING A BODY OF WATER.

Applicant & Inventor : OLE JEPPE EJORD LARSEN, OF FASANVAENGET 62, 6733, HIERTING, DANMARK.

Application No. 1792/Cal/74 filed August 9, 1974.

Convention date January 11, 1971/(1290/71) U.K.

Division of Application No. 134171 filed January 3, 1972.

Addition to No.—134171.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

25 Claims.

A device for preventing and reducing scours in a bed supporting a body of water at the foot of a structure, comprising a sheet of flexible or rigid material, and means for securing the sheet to the foot of said structure, such that the sheet encircles the foot of the structure and extends outwardly therefrom, and for restraining displacement of the sheet relative to said structure and the bed, the sheet being adapted to deflect downward flow.

CLASS 101B+F. I.C.-E02b 3/00.

139533.

A DEVICE FOR PRODUCING AND PROTECTING FROM EROSION DEPOSITS OF SEDIMENTARY MATERIAL ON THE BED OF A BODY OF WATER.

Applicant & Inventor : OLE JEPPE FJORD LARSEN, OF FASANVAENGET 62, 6733, HJERTING, DENMARK.

Application No. 1793/Cal/74 filed August 9, 1974.

Convention date January 11, 1971/(1290/71) U.K.

Division of Application No. 134171 filed January 3, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

37 Claims.

A device for producing and protecting from erosion deposits of sedimentary material on a bed supporting a body of water and comprising an elongate sheet of flexible or rigid material, and means for securing the sheet on the bed, the arrangement being such that, when secured in position, the two longitudinally extending side portions of the sheet slope downwardly to a level below the central portion to form a ridge-like structure and the sheet is substantially impermeable to a horizontal flow of water.

CLASS 32F.b. I.C.-C07d 99/16 and 99/22.

139534.

A PROCESS FOR THE PREPARATION OF A 2-AMIDOPENICILLIN.

Applicant : AMERICAN HOME PRODUCTS CORPORATION, OF 685 THIRD AVENUE, NEW YORK 17, NEW YORK, UNITED STATES OF AMERICA.

Inventors : MILTON WOLF AND JOHN HAMILTON SELLESTEDT.

Application No. 2266/Cal/74, filed October 9, 1974.

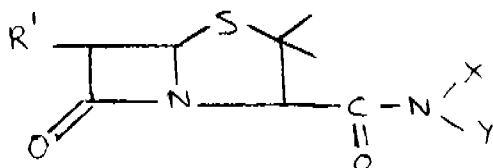
Convention date February 7, 1969 (6759/69) U.K.

Division of application No. 123511 filed October 10, 1969.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

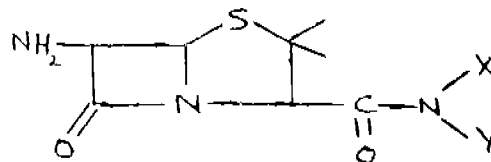
6 Claims.

A process for the preparation of a 2-amido-penicillin of general formula I.

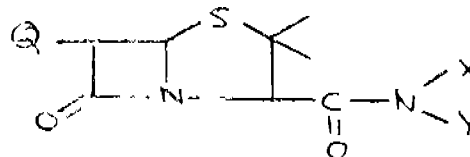


Wherein R¹ is a penicillin amide group, X is an electron withdrawing group, Y is an electron withdrawing group or X and Y are joined to form an electron withdrawing cyclic group

or an acid addition salt thereof, in which a corresponding 2-amino-6-aminopenicillanic acid of general formula 11.



where X and Y are as defined above, or a derivative thereof having the formula 11A.



wherein Q is a N-acylatable derivative form of amino, is reacted with an acylating agent as herein defined to introduce the desired group R¹.

CLASS 32F.b+Fa+Fd. I.C.-C07c 87/28, C07d 85/26, A61k.

139535.

PROCESS FOR PREPARING A PROPANOLAMINE COMPOUND.

Applicant : PFIZER CORPORATION, OF CALLE 15 1/2 AVENIDA SANTA ISABEL, COLON, REPUBLIC OF PANAMA.

Inventors : PFIZER LIMITED, DAVID ALEXANDER COX, JOHN CHRISTOPHER DANILEWICZ, ALLAN IESLIE HAM, JOHN EDWARD GLYNKEMP AND MICHAEL SHAREY.

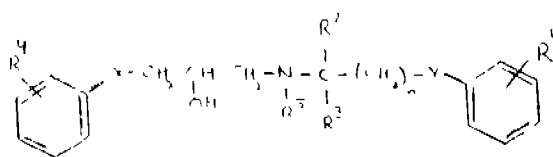
Application No. 145/Cal/75 filed January 27, 1975.

Division of Application No. 129404 filed November 26, 1970.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A process for preparing a propanolamine compound having the formula I.



where :

R¹ is a carboxyamido, lower alkoxy-carbonylamino or carbamoyl group, which may be separated from the phenyl ring by a methylene or ethylene group;

R² and R³ are each a hydrogen atom or a lower alkyl group;

R⁴ is a carboxyamido, sulphonamide, lower alkoxy-carbonylamino, carbamoyl or sulphonamoyl group which may be separated from the phenyl ring by a methylene or ethylene or ethylene group;

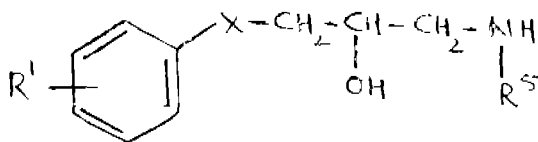
R⁵ is a hydrogen atom or a lower alkyl or alkanoyl group; or a benzyl group;

X is an oxygen or a sulphur atom;

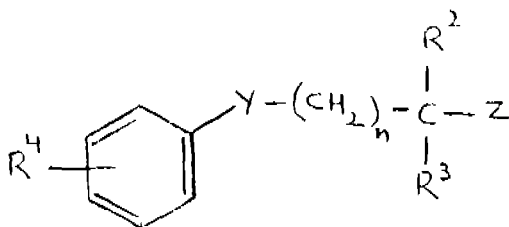
Y is an oxygen or a sulphur atom; or a sulphinyl sulphonyl or imino group, or a direct link;

n is 1, 2 or 3 when Y is other than a direct link, and is 0 to 4 when Y is a direct link;

and each of the phenyl groups attached to X and Y may be further substituted with one or more halogen atoms, or lower alkyl, alkenyl, alkoxy or alkenoxy groups; and their pharmaceutically-acceptable acid addition salts, characterized by reacting an amine of the Formula V.



in which R¹ and X are as defined above and R⁵ is a hydrogen atom or a lower alkyl or a benzyl group with a compound of the formula VI.



in which R², R³, R⁴ and Y are as defined above and Z is a halogen atom or any suitable "leaving" group, and, if desired converting the compounds so obtained to their pharmaceutically acceptable acid addition salts by methods as herein described.

CLASS 127A. I.C.-F16d 21/04.

139536.

A NEW OR IMPROVED OVERLOAD CLUTCH.

Applicant: GIB PRECISION LIMITED, OF BARTON LANE, CIRENCESTER, GL 7 2ED, IN THE COUNTY OF GLOUCESTER, ENGLAND.

Inventor: OLAF JOHN BARCLAY ORWIN.

Application No. 1226/Cal/73 filed May 25, 1973.

Convention date May 26, 1972/(24852/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

An overload clutch comprising a pair of rotatable members, disengageable drive means to transmit torque between said members, said drive means comprising a plurality of pairs of disengageable drive transmitting abutments and a plurality of torque limiters operative up to a predetermined torque to prevent disengagement of said drive transmitting abutments to enable transmission of torque between said members and operative above said predetermined torque to permit disengagement of said abutments to interrupt transmission of torque between said members wherein each torque limiter comprises a pair of clutch elements means mounting one element of each pair for overrunning movement relative to the other when more than a predetermined torque is applied and means preventing such overrunning movement until such torque is exceeded, comprising a plurality of restraining members adapted for rolling movement and maintained in restraining engagement with the torque limiter clutch elements by loading means and in which the abutments of each pair of drive transmitting abutments are mounted for mutual relative movement in a first path on said over-running movement to permit disengagement of the abutments and for relative movement in said first path and a second, different path, to permit resetting of the torque limiters and re-engagement of the abutments.

CLASS 136B, 151F & 155A. I.C.-B29D 3/02,
B32b 1/08.

139537.

AN APPARATUS FOR USE IN MANUFACTURING FIBRE REINFORCED PLASTIC PIPES.

Applicant: WAVIN B. V., OF 251, HANDELLAAN, ZWOLIE, THE NETHERLANDS.

Inventor: WILLEM KIEZEBRINK.

Application No. 1355/Cal/73 filed June 8, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

Apparatus for use in manufacturing fibre reinforced plastics pipes comprising a core on which reinforcing fibres can be wound, and conveyor means for conveying the core past a heating device, said core being provided with fixed toothed-wheel means and said conveyor means comprising two conveyors drivable along respective parallel spaced paths and engageable with the teeth of the toothed-wheel means, when the toothed-wheel means is between said paths, such that in use said conveyors rotate the core as they convey the core between said paths.

CLASS 122. I.C.-B03C 3/00.

139538.

WET ELECTROSTATIC PRECIPITATORS.

Applicant: UNITED STATES FILTER CORPORATION, AT 522, FIFTH AVENUE, NEW YORK, N. Y., UNITED STATES OF AMERICA.

Inventor: EVEN BAKKE.

Application No. 1213/Cal/73 filed May 23, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

31 Claims.

A wet electrostatic precipitator comprising, in combination, an electrostatic field section including a plurality of spaced, substantially parallel collection plates extending in a flow direction along a flow path, a plurality of discharge electrodes interposed in the spaces between said collection plates and means applying an electric potential between said collection plates and said electrodes; inlet means, having an inlet opening, directing a gaseous medium, containing material to be precipitated, to flow between said collection plates along said path; means directing continuous sprays of washing liquid droplets into the spaces between and against said collection plates; and a plurality of relatively narrow and elongate baffles extending transverse to the flow path intermediate said inlet opening and said electrostatic field section and arranged in at least two successive rows, with the lateral spacing between the baffles in each row being in excess of the width of the baffles, and with the baffles of adjacent rows being laterally staggered relative to each other.

CLASS 110. I.C.-D04g 5/00.

139539.

NET AND METHOD OF PRODUCTION SAME.

Applicant: OLE BENDT RASMUSSEN, OF 14, ANEMONEVEJ, GENTOFTE, DENMARK AND BEGHIN-SAY, OF 59239 THUMERIES, FRANCE.

Inventors: WILLY BUCH MADSEN, (2) FINN HONSEN JENSEN, (3) GUY GOLDSTEIN AND YVES ROUSSIN-MOYNIER, OLE-BENDT RASMUSSEN.

Application No. 1851/Cal/73 filed August 10, 1973.

Convention date August 11, 1972/(37499/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

36 Claims.

A net composed of a regular array of longitudinal ribbon-like continuous filaments of a polymer material and of a regular array of transverse stems of a different polymer material, said filaments being embedded in a slippable relationship in said stems at their intersections.

CLASS 34A & 172C, I.C.-D01d 5/00.

139540.

METHOD AND APPARATUS FOR THE PRODUCTION OF HIGH MODULUS, HIGH TENACITY HEAT STABILISED SYNTHETIC FILAMENTS.

Applicant : CHEMICALS AND FIBRES OF INDIA LIMITED, OF CRESCENT HOUSE, 19 WALCHAND HIRACHAND MARK, BOMBAY-1, BR., MAHARASHTRA, INDIA.

Inventors : JOHN ANDREW TURTON AND BIPIN PRANJIVANDAS PATEL.

Application No. 326/Bom/73 filed October 3, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

29 Claims.

Apparatus for the production of high modulus high tenacity heat stabilised synthetic filaments comprising a drawframe including a first set of feed rolls about which the filament issuing from the predrawframe bath is fed and a second set of draw rolls about which the stabilised filament is led off to the crimping mechanism, said first set of feed rolls being separated from the second set of draw rolls, and a plurality of sprays or jets so located as to deliver sprays of hot fluid on to the feed rolls in order to raise the temperature of the filament being led over said feed rolls to enable stretching and drawing thereof, characterised in that there is provided within the space between the said two sets of rolls a source of heat for raising still further the temperature of the filament and a rotatable roll disposed in the region of the zone of said source of heat at a point vertically higher than either of the two sets of rolls or the source of heat, the filament issuing from the first set of feed rolls being adapted to be led round the first roll of the second set of draw rolls and thence back round the rotatable roll located in the region of the heating zone, which action increases the residence time of the filament within the heating zone to enable it to attain the desired temperature at which heat stabilisation is effected before being led to the cooler draw rolls where the stabilised filament is set.

CLASS 48A, I.C.-H01b 7/00.

139541.

IMPROVEMENTS IN OR RELATING TO THE MANUFACTURE OF INSULATED ELECTRIC CABLE.

Applicant : BRITISH INSULATED CABLES LIMITED, OF 21, BLOOMSBURY STREET, LONDON, W. C. 1, ENGLAND.

Inventor : EDWARD HENRY REYNOLDS.

Application No. 2584/Cal/73 filed November 23, 1973.

Convention date November 24, 1972/(54385/72) U.K.

Addition to No. 121704.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

24 Claims.

A method of manufacturing an extruded covering on a continuously advancing stranded member as hereinbefore defined, which comprises causing the stranded member to pass through the core tube of an extrusion machine which applies a continuous covering on to the stranded member, effecting continuous treatment of the covering so formed by passing the covered stranded member through a chamber hermetically sealed to the outlet end of the extrusion machine and containing a fluid medium at super-atmospheric pressure, injecting fluid under pressure into the interior of the core tube, and maintaining said fluid at a pressure which is less than that of the fluid medium in the treatment chamber by an amount such that the pressure difference across the extruded covering at the extrusion orifice is sufficient to cause the extruded covering to collapse firmly on to the stranded member as it emerges from the extrusion machine but is insufficient to force the extruded covering back along the core tube, wherein the interstices between the component elements of at least the outermost layer

of component elements of the stranded member throughout at least that length of the stranded member passing through the extruder are substantially filled with a fluid-impermeable filling medium which forms, in said interstices as the stranded member passes into the upstream end of the core tube, a barrier which has no deleterious effect on said component elements of the stranded member or on the covering to be extruded thereon and which will permit relative longitudinal movement of said component elements of the stranded member to take place during any bending of the covered stranded member that may subsequently occur.

CLASS 69D, I.C.-H01h 51/00.

139542.

ARMATURE RESTORING SPRING.

Applicant : INTERNATIONAL STANDARD ELECTRIC CORPORATION, OF 320 PARK AVENUE, NEW YORK, 22, STATES OF NEW YORK, UNITED STATES OF AMERICA.

Inventors : WOLFGANG MECKLENBURG, INGO RUDIGER ISERT AND PHILLIP JOHN SMITH.

Application No. 2746/Cal/73 filed December 17, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

An armature restoring spring formed by a flat spring strip of rectangular cross-section, in which the spring is secured to the armature of an electro-magnetic relay or contact unit and also to the structure of the relay or contact unit, and in which the cross-section of the spring strip is greater at the points at which it is secured to the armature and the structure so that the range within which the spring strip bends is substantially restricted to the portions thereof at or near the middle of the length of the strip.

CLASS 69D, I.C.-H01h 51/00.

139543.

SEALED CONTACT CAPABLE OF BEING MAGNETICALLY ACTUATED.

Applicant : INTERNATIONAL STANDARD ELECTRIC CORPORATION, OF 320 PARK AVENUE, NEW YORK 22, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventors : WOLFGANG MECKLENBURG, INGO RUDIGER ISERT AND WALTER HOFFMAN.

Application No. 2747/Cal/73 filed December 17, 1973.

Addition to No. 2745/Cal/73.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A sealed contact unit as claimed in claim 1 of our Application No. 2745/Cal/73, in which to achieve a sloping position of the armature with respect to the base plate when the contact unit is operated by the application thereto of a magnetic force :

(a) the magnetic force influence the armature between its end of the armature which faces the inner part of the base plate and said inner part, and

(b) the armature holding spring is substantially shorter than the armature, and/or

(c) the cover, above the end of the armature which faces the base plate, has an indentation which causes the armature to assume a sloping position when the contact unit is in its non-operated state.

CLASS 70C, & 206E, I.C.-C22d, 3/12, 3/02.

139544.

METHOD AND APPARATUS FOR PRODUCING METAL.

Applicant : NATIONAL-SOUTHWIRE ALUMINUM COMPANY, OF P.O. BOX 1000, CARROLLTON, GEORGIA 30117, UNITED STATES OF AMERICA.

Inventor : JOSEPH ANTHONY MURPHY.

Application No. 354/Cal/74 filed February 20, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

An apparatus for producing metal from an electrolytic bath containing dissolved oxide of the metal comprising at least one reduction cell having electrode means for delivering direct current to the electrolytic bath, said electrode means including anode electrode means and cathode electrode means, the improvement therein comprising means for sensing the process generated noise component of the resistance of said bath, and means responsive to output from said means for sensing for determining the occurrence of noise components in excess of a given level.

OPPOSITION PROCEEDINGS

An opposition entered by Tea Research Association to the grant of a patent on application No. 110785 made by Marshall's Tea Machinery Co., Ltd. and notified in the Gazette of India, Part III, Section 2 dated the 2nd August, 1969 has been dismissed and a patent on the said application will be sealed subject to the amendment of the specification.

PRINTED SPECIFICATION PUBLISHED.

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

126887 127063 127069 127074 127077 127111 127150 127151
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PATENTS SEALED

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137662 137668 137670 137685 137726 137734 137763 137849
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AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

Notice is hereby given that..... Roussel-Uclaf, a French Body Corporate, of 35 Boulevard des Invalides, Paris 7^{eme}, France have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of this application for patent No. 115363 for "Process for the preparation of novel gona-1, 3, 5(10)-trienes". The amendments are by way of correction and explanation so as to describe and ascertain the invention more correctly. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested is opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within the one month from the date of filing the said notice.

(2)

Notice is hereby given that USV Pharmaceutical Corporation, a corporation organised under the laws of the state of Delaware United States of America, of 800 Second Avenue, New Jersey, State of New York, United States of America, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 129197 for "Process of preparing carbamoyl Oximes". The amendments are by way of correction to convert the application into an independent one. The application for amendment and proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-700017, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(3)

Notice is hereby given that Phillips Petroleum Company, a corporation organised under the laws of the State of Delaware, United States of America, of Bartlesville, State of Oklahoma, United States of America, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 137907 for "Preparation of metal salt slurries from metal salt solutions". The amendments are by way of explanation and correction to define the invention more clearly. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested is opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(4)

The amendments proposed by C. F. Boehringer & Soehne GmbH., in respect of Patent No. 103370 as advertised in Part III, Section 2 of the Gazette of India dated the 7th February, 1976 have been allowed.

(5)

The amendments proposed by American Cyanamid Company in respect of application for Patent No. 107629 as advertised in Part III, Section 2 of the Gazette of India dated the 14th February, 1976 have been allowed.

(6)

The amendments proposed by Hoechst Aktiengesellschaft in respect of patent application No. 127995 as advertised in Part III, Section 2 of the Gazette of India dated the 7th February 1976 have been allowed.

RENEWAL FEES PAID

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 82759 82802 82871 83003 83004 83050 83148 83225 83290
 83686 83880 84390 87295 87850 88320 88436 88556 88609
 88638 88784 88928 89021 89167 91197 92348 94021 94071
 94220 94325 94382 94389 94501 94503 94779 94871 94938
 95155 95869 95885 95886 97810 99138 99390 99431 99689
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 100529 100530 100670 100785 101016 101073 101136 101651
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 137149 137148 137153 137255 137315 137343 137438 137518
 137528 137705 137713

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of

Patent No. 83701 granted to Nauchno-Isledovatel'sky Institute Zhelezplechonykh Idely for an invention relating to "Method of manufacturing a three-component-water resisting binding agent". The patent ceased on the 11th May, 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 27th March, 1976.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th August, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 107192 granted to The Metal Box Company of India Limited for an invention relating to "Method of hermitically sealing a bottle or like container and a sealing plug used therefor." The patent ceased on the 26th September, 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 13th March, 1976.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th August, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 115944 granted to Hiralal Bhanji Khimji trading as Messrs. Khimjison for an invention relating to "An improved ball valve." The patent ceased on the 16th May, 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 17th January, 1976.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th August, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 122812 granted to Kandathil Koshy Chakko for an invention relating to "An improved device for threading needles." The patent ceased on the 18th August, 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 7th February, 1976.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th August, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which the bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 132891 granted to The Metal Box Company of India Limited for an invention relating to "Closure for containers." The patent ceased on the 13th September, 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 29th May, 1976.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th August, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(6)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 135439 granted to The Metal Box Company of India Limited for an invention relating to "Improvements relating to container closures". The patent ceased on the 18th August, 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 29th May, 1976.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th August, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(7)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 135487 granted to The Metal Box Company of India Limited for an invention relating to "Method of closing a container." The patent ceased on the 13th September, 1975 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 29th May, 1976.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th August, 1976 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(8)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 136760 granted to The Metal Box Company of India Limited for an invention relating to "Improvements in cans." The patent ceased on the 6th March, 1976 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 29th May, 1976.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 26th August, 1976 under Rule 69 of the Patents Rules, 1972. A written

statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 143728. Nirmal Manufacturing Company, 2/6, Vivina, Swami Vivekanand Road, Andheri (West), Bombay-400058, Maharashtra State, India, an Indian Partnership Firm. "Circular Saw". December 30, 1975.

Class 1. No. 143729. Nirmal Manufacturing Company, 2/6, Vivina, Swami Vivekanand Road, Andheri (West), Bombay-400058, Maharashtra State, India, an Indian Partnership Firm. "Planner attachment for drill machine". December 30, 1975.

Class 1. No. 143730. Nirmal Manufacturing Company, 2/6, Vivina, Swami Vivekanand Road, Andheri (West), Bombay-400058, Maharashtra State, India, an Indian Partnership Firm. "Sander attachment for drill machine". December 30, 1975.

Class 1. No. 143731. Nirmal Manufacturing Company, 2/6, Vivina, Swami Vivekanand Road, Andheri (West), Bombay-400058, Maharashtra State, India, an Indian Partnership Firm. "Hand drilling machine". December 30, 1975.

Class 1. No. 143732. Nirmal Manufacturing Company, 2/6, Vivina, Swami Vivekanand Road, Andheri (West), Bombay-400058, Maharashtra State, India, an Indian Partnership Firm. "Clamp". December 30, 1975.

Class 1. No. 143733. Nirmal Manufacturing Company, 2/6, Vivina, Swami Vivekanand Road, Andheri (West), Bombay-400058, Maharashtra State, India, an Indian Partnership Firm. "Pump attachment for drill Machine". December 30, 1975.

Class 1. No. 143734. Nirmal Manufacturing Company, 2/6, Vivina, Swami Vivekanand Road, Andheri (West), Bombay-400058, Maharashtra State, India, an Indian Partnership Firm. "Horizontal bench stand". December 30, 1975.

Class 1. No. 143780. Nelson Type Foundry Private Limited, 62, Sami Pillai Street, Choolai, Madras-7, Tamil Nadu, India. Indian Private Limited Company. "Tamil type founts". January 3, 1976.

Class 1. No. 143849. International Business Machines Corporation, a corporation organized and existing under the laws of the State of New York, United States of America, of Armonk, New York 10504, United States of America. "Data Processing unit". January 12, 1976.

Class 1. No. 143861. Precision Products, an Indian Sole Proprietary Firm, an Indian partnership firm, of C/1/47, Aji Industrial Estate, Rajkot-360003, Gujarat, India. "Box". January 14, 1976.

Class 1. No. 143870. Prakash Type Foundry, 250—267, Narayan Peth, Poona-30, Bombay, Maharashtra, Indian Partnership Firm. "Printing type faces". January 16, 1976.

Class 1. No. 143871. Norton & Co. 1—16, Baker Tiruvengada Mudali Street, Madras-600007, an Indian Partnership Firm. "Type founts". January 16, 1976.

Class 1. No. 143903. Bharati Engineering Company, an Indian Registered Partnership Firm, 35-B, Green Building Maulana Azad Road, Bombay-11, Maharashtra, India. "Impellor for centrifugal marine pump". January 28, 1976.

Class 1. No. 143904. Rajendrapal Gupta, an Indian National, trading as Raj Electrical Industries, 21/4, Shakti Nagar, Delhi-110007, India. "A transformer". January 29, 1976.

Class 3. No. 143858. Minal Enterprise, an Indian Partnership Firm at 2-A, Bellair Apts, Union Park, Dr. Ambedkar Road, Khar, Bombay-400052, Maharashtra State, India. "Hair rollers". January 14, 1976.

Class 3. No. 143863. A. Saleh Mohamed & Company, an Indian Partnership Firm, 222, Janjiker Street, Bombay-400003, Maharashtra State, India, "Toy". January 15, 1976.

Class 3. Nos. 143872 to 143874. Raj Kumar Goenka, of Kemco Chemicals, 48B, Mukhtaram Babu Street, Calcutta-700007, West Bengal, India, Indian. "Containers". January 16, 1976.

Class 3. Nos. 143876, 143877 & 143880. Tobu Enterprises Private Limited, 8/29, Industrial Area, Kirti Nagar, New Delhi-110015 (India) (Indian Company). "A tricycle". January 19, 1976.

Class 3. No. 143881. Tobu Enterprises Private Limited, 8/29, Industrial Area, Kirti Nagar, New Delhi-110015, (India) (Indian Company). "A seat for bicycles and the tricycles". January 19, 1976.

Class 3. No. 143893. Raj Kumar Goenka, of Kemco Chemicals, 48-B, Mukhtaram Babu Street, Calcutta-700007, West Bengal, India, India. "Container". January 22, 1976.

S. VEDARAMAN,
Controller-General of Patents, Designs and
Trade Marks.